BY ORDER OF THE
SECRETARY OF THE AIR FORCE

AIR FORCE INSTRUCTION 13-1AD,
VOLUME 2

1 APRIL 2000

Space, Missile, Command and Control

GROUND COMMAND AND CONTROL SYSTEMS STANDARDIZATION/EVALUATION PROGRAM--REGION/SECTOR AIR OPERATIONS CENTER EVALUATION CRITERIA

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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OPR: HQ USAF/XOCE (CMSgt Reta Muasau)

Certified by: HQ USAF/XOC
(Major General Kenneth W. Hess)

Supersedes MCI 13-SAOC Volume 2, 17 January 1997.

Pages: 92
Distribution: F

This instruction implements policy guidance in AFPD 13-1, Theater Air Control System. Offices of Collateral Responsibility (OCR) for this publication are HQ PACAF/DOY and HQ ACC/DOL. This instruction gives Standardization/Evaluation Examiners (SEE) and crew members performance standards and procedures for conducting proficiency evaluations. The criteria apply to all Combat Mission Ready (CMR) and Basic Mission Capable (BMC) operations crew members performing in Air Defense and Reconnaissance Operations. This instruction is affected by the Paperwork Reduction Act of 1974 as Amended in 1996.

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Chapter 1

INTRODUCTION

1.1. Purpose. This volume gives Standardization/Evaluation Examiners (SEEs) criteria to use during positional evaluations. It is a reference handbook and a standard for training and operational purposes. Specific areas are prescribed to ensure an accurate assessment of the proficiency and capabilities of operations personnel.

1.2. Recommendations for Change. Recommendations for change are encouraged. Recommendations should focus on specific areas and standards of performance. Forward comment(s) through channels to MAJCOM using AF Form 847, **Recommendations for Change of Publication**. Deviations are not authorized unless approved by HQ USAF/XOCE.

1.3. Rating Policies. SEEs will use the rating policies contained in AFI 13-1STAN/EVAL Volume 2, and the evaluation criteria in this instruction for conducting all positional evaluations. An overall rating of "Unqualified" could result from an unqualified rating of a single critical or multiple noncritical areas. All area ratings are based on the two level rating system (Q and U) described below and the criteria listed in the individual chapters or areas.

1.3.1. A Qualified (Q) rating will be given when the examinee accomplishes all tasks in accordance with (IAW) subject areas.

1.3.2. If a subject area is accomplished with errors, omissions, deviations, or delays which could jeopardize mission accomplishment or compromise safety and security, an Unqualified (U) rating will be given for that area.

1.4. Simulation Evaluations. Simulation may be used to administer any portion of a positional evaluation not requiring a specific live scenario. Unit SEEs will identify existing simulation scenarios which include adequate activity to meet the evaluation requirements for the required events. If adequate scenarios do not exist, unit Stan/Eval personnel will develop scenario outlines for the simulation activity to be conducted to ensure standardization of both the level of activity and the difficulty for simulation evaluations. The SEE's judgment will be the determining factor in the effective use of simulation.

1.5. Evaluation Methods. The primary methods of determining the examinees' level of job knowledge and proficiency are academic testing and observation of job performance. The questioning of examinees during the positional portion of the evaluation should normally be limited to items not easily determined by observation, but related to the scenarios being employed for evaluation.

1.6. Critical Areas. Critical areas require a degree of knowledge/proficiency essential for successful mission accomplishment. Consequently, an "Unqualified" grade in any "CRITICAL" area will result in an overall grade of "Unqualified."

Chapter 2

MISSION CREW COMMANDER QUALIFICATION EVALUATION

Section 2A—Instructions

2.1. General.

2.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified (BQ) Mission Crew Commander (MCC).

2.1.2. The MCC must be evaluated during a large scale live or simulated exercise as defined in AFI 13-1AD Volume 1.

2.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all MCC duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 2B—Qualification Criteria

2.3. Area 1–Mission Planning. Conducts mission planning which accounts for known mission requirements, intelligence and outside agency inputs, limitations, and approved operating procedures IAW directives.

2.4. Area 2–Briefings/Debriefings. Attends briefings/debriefings and extracts/provides all necessary information. Conducts briefings/debriefings in an organized, logical sequence IAW directives.

2.5. Area 3–Coordination. Coordinates and reports all requirements, mission changes, equipment discrepancies, and limitations IAW directives.

2.6. Area 4–Equipment Setup/Checkout/Status Reporting. Sets up, checks out, and ensures reporting of status for console, communications, recording, and other operator tasked equipment to ensure operation is IAW directives. Ensures subordinates' positional setup for mission accomplishment.

2.7. Area 5–Console Operations. Interprets; initiates use of switches, buttons, and controls; ensures update of data for console operations; and responds to alarms IAW directives.

2.8. Area 6–Communications Selection and Use. Monitors communications operations and takes action to ensure effective communication is established and maintained IAW directives. Selects and operates communications equipment to include primary, secondary, and backup systems IAW performance capabilities, mission tasking, and directives.

2.9. Area 7–Classified/Communications Security (COMSEC) Material. Uses/supervises crew control and use of classified/COMSEC material, authentication devices, and encryption/decryption procedures IAW directives.

2.10. Area 8–Radio/Telephone (R/T) Procedures. Employs R/T procedures IAW directives.

2.11. Area 9–Weather Information. Interprets weather information and provides updates to the crew upon notification of weather changes affecting mission aircraft IAW directives.

2.12. Area 10–Aircraft Emergency/Search and Rescue (SAR) Procedures. Recognizes emergency and hijack aircraft situations, implements notification and recovery procedures, supervises emergency aircraft actions, and conducts SAR operations IAW directives.

2.13. Area 11–Sensors. Recognizes and reports degraded sensor performance. Applies theoretical radar ranges. Ensures sensor system is optimized IAW directives.

2.14. Area 12–Safety of Flight (CRITICAL). Employs all available methods to ensure safety of flight during all phases of the mission.

2.15. Area 13–Alert Status/Aircraft Availability. Manages alert status for air defense aircraft and commits allocated alert aircraft to counter threats IAW directives.

2.16. Area 14–Emergency Action Procedures. Implements procedures/actions for changes in declared states/stages, disseminates alert notifications to applicable subordinate units, and ensures reporting of results IAW directives.

2.17. Area 15–Rules of Engagement (CRITICAL). Applies rules of engagement (ROE), uses hostile act/intent criteria, and complies with appropriate levels of authority IAW directives.

2.18. Area 16–Fighter Operations. Supervises fighter generation, dispersal, and recovery. Ensures allocation of weapons resources to cope with tactical situations IAW directives.

2.19. Area 17–Battle Management. Executes operations orders/operations plans (OPORDs/COMPLANs) IAW applicable directives. Directs employment of operations within the limitations and capabilities of assigned equipment. Interoperates with adjacent ground and airborne C^2 elements of US, Canada, Iceland Control and Reporting Center (ICRC), NATO and other host nation facilities. Ensures effective exchange of both voice and data link information. Plans, recognizes, and directs changes in levels of operations to meet unit tasking. Evaluates and directs changes in subordinate units' tasking/configuration, when assigned. For ICRC interface with adjacent Air Defense Regions.

2.20. Area 18–Expansion Procedures (CONUS only). Conducts expansion and expansion recovery procedures IAW directives.

2.21. Area 19–Tactics. Supervises crewmembers' selection of appropriate tactics based on aircraft capabilities, ROE, battlestaff direction, and mission requirements IAW directives.

2.22. Area 20–E-3 Operations. Ensures employment of E-3 assets IAW operational command/operational control (OPCOM/OPCON) and readiness postures, battlestaff direction, capabilities, and directives.

2.23. Area 21–Reporting Procedures. Implements Helping Hand/Covered Wagon and situation reports/operations reports (SITREPs/OPREPs) IAW directives.

2.24. Area 22–Computer Operations. Displays a basic knowledge of computer systems affecting unit operations. Recognizes and reports degraded computer performance. Employs computer recovery procedures IAW directives.

2.25. Area 23–Mission Execution (CRITICAL). Executes the assigned mission IAW directives. Conducts the mission with a sense of understanding and comprehension. Decisions resulted in mission accomplishment and resources were effectively used to achieve mission objectives.

2.26. Area 24–Checklists/Displays. Interprets and ensures updates of displays and uses checklists to perform tasks IAW directives.

Chapter 3

MISSION CREW COMMANDER TECHNICIAN QUALIFICATION EVALUATION

Section 3A—Instructions

3.1. General.

3.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified Mission Crew Commander Technician (MCCT).

3.1.2. The MCCT must be evaluated during a large scale live or simulated exercise.

3.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all MCCT duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 3B—Qualification Criteria

3.3. Area 1–Mission Planning. Assists the MCC in conducting mission planning which accounts for known mission requirements, limitations, and approved operating procedures IAW directives.

3.4. Area 2–Briefings/Debriefings. Attends briefings/debriefings and extracts/provides all necessary information. Conducts briefings/debriefings in an organized, logical sequence IAW directives.

3.5. Area 3–Coordination. Coordinates and reports all requirements, mission changes, equipment discrepancies, and limitations IAW directives.

3.6. Area 4–Equipment Setup/Checkout/Status Reporting. Sets up, checks out, and ensures reporting of status for console, communications, recording, and other operator tasked equipment to ensure operation is IAW directives. Ensures subordinates' positional setup for mission accomplishment.

3.7. Area 5–Console Operations. Interprets; initiates use of switches, buttons, and controls; ensures update of data for console operations; and responds to alarms and alerts IAW directives.

3.8. Area 6–Communications Selection and Use. Selects and operates communications equipment to include primary, secondary, secure, and backup systems IAW performance capabilities, mission tasking, and directives.

3.9. Area 7–Classifed/COMSEC Material. Uses/supervises crew control and use of classified/COMSEC material, authentication devices, and encryption/decryption procedures IAW directives.

3.10. Area 8–R/T Procedures. Employs R/T procedures IAW directives.

3.11. Area 9–Checklists/Displays. Interprets displays and uses checklists to perform tasks IAW directives.

3.12. Area 10–Weather Information. Interprets weather information and provides updates to the MCC and crew upon notification of weather changes affecting mission aircraft IAW directives.

3.13. Area 11–Aircraft Emergency/SAR Procedures. Recognizes emergency and hijack aircraft situations. Ensures notification and recovery procedures are implemented, and assists the MCC in supervising emergency aircraft actions and conducting SAR efforts IAW directives.

3.14. Area 12–Sensors. Recognizes and reports degraded sensor performance. Applies theoretical radar ranges. Assists the MCC to ensure sensor system is optimized IAW directives.

3.15. Area 13–Safety of Flight (CRITICAL). Employs all available methods to ensure safety of flight during all phases of the mission.

3.16. Area 14–Alert Status/Aircraft Availability. Manages alert status for air defense aircraft, identifies aircraft availability, and assists the MCC with commits of allocated alert aircraft to counter threats IAW directives.

3.17. Area 15–Emergency Action Procedures. Assists the MCC in implementing procedures/actions for changes in declared states/stages. Disseminates alert notifications to applicable subordinate units, and ensure reporting of results IAW directives.

3.18. Area 16–Rules of Engagement (CRITICAL). Assists the MCC in applying ROE, using hostile act/intent criteria, and complying with appropriate levels of authority IAW directives.

3.19. Area 17–Fighter Operations. Assists the MCC in conducting fighter generation, dispersal, and recovery, and ensuring allocation of weapons resources to cope with tactical situations IAW directives.

3.20. Area 18–Battle Management. Executes operations orders/operations plans (OPORDs/COMPLANs) IAW applicable directives. Directs employment of operations within the limitations and capabilities of assigned equipment. Interoperates with adjacent ground and airborne C^2 elements. Ensures effective exchange of both voice and data link information. Plans, recognizes, and directs changes in levels of operations to meet unit tasking. Evaluates and directs changes in subordinate units' tasking/configuration, when assigned.

3.21. Area 19–Expansion Procedures (CONUS only). Conducts expansion and expansion recovery procedures IAW directives.

3.22. Area 20–E-3 Operations. Assists the MCC to ensure employment of E-3 assets IAW OPCOM/OPCON and readiness postures, capabilities, and directives.

3.23. Area 21–Reporting Procedures (CRITICAL). Implements Helping Hand/Covered Wagon and SITREPs/OPREPs and other required reports IAW directives.

3.24. Area 22–Computer Operations. Displays a basic knowledge of computer systems affecting SAOC operations. Recognizes and reports degraded computer performance. Employs computer recovery procedures IAW directives.

Chapter 4

SENIOR DIRECTOR QUALIFICATION EVALUATION

Section 4A—Instructions

4.1. General.

4.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified Senior Director (SD).

4.1.2. The SD evaluation must include performance during a large scale live or simulated exercise (IAW AFI 13-1AD Volume 1) and must supervise a minimum of two control teams during the exercise. The SD must maintain current weapons qualification. Functional tasks common to both weapons and SD may be evaluated only once and credited to both evaluations. The Weapons portion of the evaluation must be completed with the SD evaluation to establish the same evaluation window.

4.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all SD duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 4B—Qualification Criteria

4.3. Area 1–Mission Planning. Conducts mission planning which accounts for mission requirements, limitations, and approved operating procedures IAW directives.

4.4. Area 2–Briefings/Debriefings. Attends briefings/debriefings and extracts/provides all necessary information. Conducts briefings/debriefings in an organized, logical sequence IAW directives.

4.5. Area 3–Coordination. Coordinates and reports all requirements, mission changes, equipment discrepancies, and limitations IAW directives.

4.6. Area 4–Equipment Setup/Checkout/Status Reporting. Sets up, checks out, and ensures reporting of status for console, communications, recording, and other operator tasked equipment to ensure operation is IAW directives.

4.7. Area 5–Console Operations and Displays. Interprets; initiates use of switch actions, buttons, and controls; ensures update of data for console displays; and responds to alarms and alerts IAW directives.

4.8. Area 6–Communications Selection and Use. Monitors communication operations and takes action to ensure effective communications are established and monitored IAW directives. Selects and operates communications equipment to include primary, secondary, and backup systems IAW performance capabilities, mission tasking, and directives.

4.9. Area 7–Classified/COMSEC Material. Controls and uses classified/COMSEC material, authentication devices, and encryption/decryption procedures IAW directives.

4.10. Area 8–R/T Procedures. Employs R/T procedures IAW directives.

4.11. Area 9–Checklists/Displays. Interprets displays and uses checklists to perform tasks IAW directives.

4.12. Area 10–Weather Information. Interprets weather information and provides updates to the weapons section upon notification of weather changes affecting mission aircraft IAW directives.

4.13. Area 11–Aircraft Emergency/SAR Procedures. Recognizes emergency and hijack aircraft situations, implements notification and recovery procedures, coordinates emergency aircraft actions, and conducts SAR operations IAW directives.

4.14. Area 12–Sensors. Recognizes and reports degraded sensor performance. Requests sensor changes to optimize presentation for mission tasking IAW directives.

4.15. Area 13–Safety of Flight (CRITICAL). Employs all available methods to ensure safety of flight during all phases of the mission.

4.16. Area 14–Alert Status/Aircraft Availability. Manages alert status for air defense aircraft, identifies aircraft availability, and commits allocated alert aircraft to counter threats IAW directives.

4.17. Area 15–Rules of Engagement (CRITICAL). Applies ROE, uses hostile act/intent criteria, and complies with appropriate levels of authority IAW directives.

4.18. Area 16–Safe Passage Procedures. Implements procedures for safe passage IAW directives.

4.19. Area 17–FAA Coordination/Handoff Procedures. Ensures weapons personnel coordinate and perform handoff procedures IAW directives.

4.20. Area 18–Commit/Pairing. Commits/pairs airborne assets to tactical objective consistent with ROE, COMPLANs, and battlestaff direction.

4.21. Area 19–Fighter Operations. Assists fighter officers with fighter generation, dispersal, and recovery. Ensures allocation of weapons resources to cope with tactical situations IAW directives.

4.22. Area 20–Battle Management (Critical). Executes operations orders/operations plans (OPORDs/COMPLANs) IAW applicable directives. Directs employment of operations within the limitations and capabilities of assigned equipment. Interoperates with adjacent ground and airborne C^2 elements. Ensures effective exchange of voice communication. Plans, recognizes, and directs changes in levels of operations to meet unit tasking. Evaluates and directs changes in subordinate units' tasking/configuration, when assigned.

4.23. Area 21–Expansion Procedures (CONUS only). Conducts expansion and expansion recovery procedures IAW directives.

4.24. Area 22–Tactics. Ensures selection of tactics based on aircraft capabilities, ROE, battlestaff direction, and mission requirements IAW directives.

4.25. Area 23–E-3 Operations. Conducts E-3 operations IAW directives.

4.26. Area 24–Mission Execution. Executes the assigned mission IAW directives. Conducts the mission with a sense of understanding and comprehension. Decisions resulted in mission accomplishment and resources were effectively used to achieve mission objectives.

Chapter 5

SENIOR DIRECTOR TECHNICIAN QUALIFICATION EVALUATION

Section 5A—Instructions

5.1. General.

5.1.1. This chapter contains the task criteria specifying the tasks required of a Basic Qualified Senior Director Technician (SDT).

5.1.2. The SDT must be evaluated during a large scale live or simulated exercise and must supervise a minimum of two control teams during the exercise. The SDT must maintain qualification as a Weapons Director Technician (WDT). Functional tasks common to both WDT and SDT may be evaluated only once and credited to both evaluations.

5.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all SDT duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 5B—Qualification Criteria

5.3. Area 1–Mission Planning. Assists the SD in conducting mission planning which accounts for known mission requirements, limitations, and approved operating procedures IAW directives.

5.4. Area 2–Briefings/Debriefings. Attends briefings/debriefings and extracts/provides all necessary information. Conducts briefings/debriefings in an organized, logical sequence IAW directives.

5.5. Area 3–Coordination. Coordinates and reports all requirements, mission changes, equipment discrepancies, and limitations IAW directives.

5.6. Area 4–Equipment Setup/Checkout/Status Reporting. Sets up, checks out, and ensures reporting of status for console, communications, recording, and other operator tasked equipment to ensure operation is IAW directives.

5.7. Area 5–Console Operations and Displays. Interprets; initiates use of switch actions, buttons, and controls; ensures update of data for console displays; and responds to alarms and alerts IAW directives.

5.8. Area 6–Communications Selection and Use. Selects and operates communications equipment to include primary, secondary, and backup systems IAW performance capabilities, mission tasking, and directives.

5.9. Area 7–Classified/COMSEC Material. Controls and uses classified/COMSEC material, authentication devices, and encryption/decryption procedures IAW directives.

5.10. Area 8–R/T Procedures. Employs R/T procedures IAW directives.

5.11. Area 9–Checklists/Displays. Interprets displays and uses checklists IAW directives.

5.12. Area 10–Weather Information. Interprets weather information and provides updates to the SD and weapons section upon notification of weather changes affecting mission aircraft IAW directive.

5.13. Area 11–Aircraft Emergency/SAR Procedures. Recognizes emergency and hijack aircraft situations, ensures notification and recovery procedures are implemented, and assists the SD in coordinating emergency aircraft actions and conducting SAR operations IAW directives.

5.14. Area 12–Sensors. Recognizes and reports degraded sensor performance. Assists the SD in requesting sensor changes to optimize presentations for mission tasking IAW directives.

5.15. Area 13–Safety of Flight (CRITICAL). Employs all available methods to ensure safety of flight during all phases of the mission.

5.16. Area 14–Alert Status/Aircraft Availability. Manages alert status for air defense aircraft, identifies aircraft availability, and assists the SD with commits of allocated alert aircraft to counter threats IAW directives.

5.17. Area 15–Rules of Engagement (CRITICAL). Assists the SD in applying ROE, using hostile act/intent criteria, and complying with appropriate levels of authority IAW directives.

5.18. Area 16–Safe Passage Procedures. Implements procedures for safe passage IAW directives.

5.19. Area 17–FAA Coordination/Handoff Procedures. Ensures weapons personnel coordinate and perform handoffs IAW Federal Aviation Administration (FAA) directives, letters of agreement, and theater directives.

5.20. Area 18–Commit/Pairing. Assists the SD in committing/pairing airborne assets to tactical objective consistent with ROE, OPLANs, and battlestaff direction.

5.21. Area 19–Fighter Operations. Monitors fighter generation, dispersal, and recovery, and assists the SD with allocation of weapons resources to cope with tactical situations IAW directives.

5.22. Area 20–Battle Management. Assist SD in executing OPORDs/COMPLANs IAW directives.

5.23. Area 21–Expansion Procedures (CONUS only). Conducts expansion and expansion recovery procedures IAW directives.

5.24. Area 22–Tactics. Assists the SD to ensure selection of appropriate tactics based on aircraft capabilities, ROE, battlestaff direction, and mission requirements IAW directives.

5.25. Area 23–E-3 Operations. Performs E-3 operations IAW directives.

5.26. Area 24–Mission Execution. Executes the assigned mission IAW directives. Conducts the mission with a sense of understanding and comprehension. Decisions resulted in mission accomplishment and resources were effectively used to achieve mission objectives.

Chapter 6

WEAPONS QUALIFICATION EVALUATION

Section 6A—Instructions

6.1. General.

6.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified Weapons individual.

6.1.2. Specific control events that must be accomplished for BQ qualifications are:

6.1.2.1. Control two simultaneous intercept events. Control two separate fighters/elements against two target elements on simultaneous intercept missions. One intercept will be conducted using close control procedures with a mission objective of visual identification or counterdrug shadow using stern geometry against a non-maneuvering target or against a target cleared for restricted maneuvering. The second intercept will be conducted using close control procedures with a mission objective of cutoff. Visual identification procedures will be IAW directives and AFI 11-214 and published local directives.

6.1.2.2. The weapons personnel will be evaluated on a live intercept or air combat training/dissimilar air combat training (ACT/DACT) mission. The SEE is responsible for making the determination as to whether briefed/conducted control activities fulfill live control requirements. The specific control events not evaluated in the live environment will be evaluated using simulation equipment.

6.1.3. Conduct air refueling operations where control is provided to at least two elements of receiver aircraft simultaneously on one or more tankers. The weapons personnel will demonstrate both point parallel and receiver turn-on rendezvous air refueling tactics using the continuum of control procedures.

6.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all weapons duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 6B—Qualification Criteria

6.3. Area 1–Mission Planning. Performs mission planning which accounts for known mission requirements, limitations, and approved operating procedures IAW directives.

6.4. Area 2–Briefings/Debriefings. Attends briefings/debriefings and extracts/provides all necessary information. Performs briefings/debriefings in an organized, logical sequence IAW directives.

6.5. Area 3–Coordination. Coordinates and reports all requirements, mission changes, equipment discrepancies, and limitations IAW directives.

6.6. Area 4–Equipment Setup/Checkout/Status Reporting. Sets up, checks out, and ensures reporting of status for console, communications, recording, and other operator tasked equipment to ensure operation is IAW directives.

6.7. Area 5–Console Operations and Displays. Interprets; initiates use of switch actions, buttons, and controls; ensures update of data for console displays; and responds to alarms and alerts IAW directives.

6.8. Area 6–Communications Selection and Use. Selects and operates communications equipment to include primary, secondary, and backup systems IAW performance capabilities, mission tasking, and directives.

6.9. Area 7–Classified/COMSEC Material. Controls and uses classified/COMSEC material, authentication devices, and encryption/decryption procedures IAW directives.

6.10. Area 8–R/T Procedures. Employs R/T procedures IAW directives.

6.11. Area 9–Checklists/Displays. Interprets displays and uses checklists IAW directives.

6.12. Area 10–Weather Information. Interprets weather information and provides updates to aircrews upon notification of weather changes affecting mission aircraft IAW directives.

6.13. Area 11–Aircraft Emergency/SAR Procedures. Recognizes emergency and hijack aircraft situations, implements notification and recovery procedures, performs emergency aircraft actions, and conducts SAR operations IAW directives.

6.14. Area 12–Sensors. Recognizes and reports degraded sensor performance IAW directives.

6.15. Area 13–Safety of Flight (CRITICAL). Employs all available methods to ensure safety of flight during all phases of the mission.

6.16. Area 14–Rules of Engagement (CRITICAL). Applies ROE, uses hostile act/ intent criteria, and complies with appropriate levels of authority IAW directives.

6.17. Area 15–Alert Status/Aircraft Availability. Interprets alert status for air defense aircraft and identifies aircraft availability IAW directives.

6.18. Area 16–Tactics. Selects tactics based on combat situation, aircraft capabilities, ROE, and battlestaff direction IAW directives.

6.19. Area 17–Safe Passage Procedures. Assists aircrews in complying with safe passage procedures, and notifies aircrews of changes IAW directives.

6.20. Area 18–FAA Coordination/Handoff Procedures. Performs handoffs IAW letters of agreement and FAA/theater directives.

6.21. Area 19–Identification. Identifies assigned aircraft employing pilot reported position, Identification Friend or Foe/Selective Identification Feature (IFF/SIF) returns or pilot maneuvering. Accomplishes identification within one minute after aircraft radio check-in using radar or IFF/SIF displays.

6.22. Area 20–Situation/Threat Information. Provides situation/threat information to aircraft upon check-in, as requested, and as the situation changes IAW AFI 11-214 and other operational directives. Threat information (to include targets) is accurate to within 10 degrees and 5 nautical miles (NM) of sensor returns (10 degrees and 2 NM for targets after conversion to the stern). If required or requested, information is accurate to the nearest cardinal direction/quadrant.

6.23. Area 21–Air-to-Air Mission Positioning (Close Control) (CRITICAL). Directs fighters using radar and IFF/ SIF presentations. Positions fighters to accomplish mission objectives IAW AFI 11-214 and MCM 3-1 consistent with ROE, operations directives, and battlestaff direction. Control ACT mission(s) (minimum 1v1) during initial evaluation where tactical control is provided. The target(s) may be controlled by another controller on a separate frequency.

6.24. Area 22–Air Refueling Mission Positioning (CRITICAL). Directs or provides positioning assistance to aircrews using computer assistance, radar, and IFF/SIF presentations. Prioritizes refueling activity and places receivers and/or tankers in a position to accomplish mission objectives. Positions receivers with an aspect angle of less than 30 degrees and 1-3 NM astern of the tanker.

Chapter 7

WEAPONS DIRECTOR TECHNICIAN QUALIFICATION EVALUATION

Section 7A—Instructions

7.1. General.

7.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified Weapons Director Technician (WDT).

7.1.2. For BQ qualification, the WDT will be evaluated while assisting a AWO/WD to perform the following events:

7.1.2.1. Control two simultaneous intercept events. One intercept will be conducted using close control procedures to accomplish a visual identification. The second intercept will be conducted using close control procedures with a mission objective of cutoff/kill. The target(s) will be cleared evasive. Visual identification procedures will be IAW theater directives and AFI 11-214.

7.1.2.2. Conduct air refueling operations where control is provided to at least two elements of aircraft simultaneously on one or more tankers.

7.1.2.3. Control ACT mission(s) (minimum 1v1) during initial evaluation where tactical control is provided. The target(s) may be controlled by another controller on a separate frequency.

7.1.3. The WDT will be evaluated on a live intercept or ACT/DACT mission. The SEE is responsible for making the determination if briefed/conducted control activities fulfill live control requirements. The specific events not evaluated in the live environment will be evaluated using simulation equipment.

7.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all WDT duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 7B—Qualification Criteria

7.3. Area 1–Mission Planning. Assists the AWO/WD in performing mission planning which accounts for known mission requirements, limitations, and approved operating procedures IAW directives.

7.4. Area 2–Briefings/Debriefings. Attends briefings/debriefings and extracts/provides all necessary information. Performs briefings/debriefings in an organized, logical sequence IAW directives.

7.5. Area 3–Coordination. Coordinates and reports all requirements, mission changes, equipment discrepancies, and limitations IAW directives.

7.6. Area 4–Equipment Setup/Checkout/Status Reporting. Sets up, checks out, and ensures reporting of status for console, communications, recording, and other operator tasked equipment to ensure operation is IAW directives.

7.7. Area 5–Console Operations and Displays. Interprets, initiates use of switch actions, buttons, and controls; ensure update of data for console displays; and responds to alarms and alerts IAW directives.

7.8. Area 6–Communications Selection and Use. Selects and operates communications equipment to include primary, secondary, and backup system IAW performance capabilities, mission tasking, and directives.

7.9. Area 7–Classified/COMSEC Material. Controls and uses classified/COMSEC material, authentication devices, and encryption/decryption procedures IAW directives.

7.10. Area 8–R/T Procedures. Employs R/T procedures IAW directives.

7.11. Area 9–Checklists/Displays. Interprets displays and uses checklists to perform tasks IAW directives.

7.12. Area 10–Weather Information. Interprets weather information and provides updates to the AWO/WD and aircrews upon notification of weather changes affecting mission aircraft IAW directives.

7.13. Area 11–Aircraft Emergency/SAR Procedures. Recognizes emergency and hijack aircraft situations, implements notification and recovery procedures, and assists the AWO/WD in performing emergency aircraft actions and SAR operations IAW directives.

7.14. Area 12–Sensors. Recognizes and reports degraded sensor performance IAW directives.

7.15. Area 13–Safety of Flight (CRITICAL). Employs all available methods to ensure safety of flight during all phases of the mission.

7.16. Area 14–Rules of Engagement (CRITICAL). Assists the AWO/WD in applying ROE, using hostile act/intent criteria, and complying with appropriate levels of authority IAW directives.

7.17. Area 15–Alert Status/Aircraft Availability. Interprets alert status for air defense aircraft and assists the AWO/WD in identifying aircraft availability IAW directives.

7.18. Area 16–Tactics. Assists the AWO/WD in selecting tactics based on combat situation, aircraft capabilities, ROE, and battlestaff direction IAW directives.

7.19. Area 17–Safe Passage Procedures. Assists the AWO/WD in complying with safe passage procedures and notifies the weapons personnel of changes IAW directives.

7.20. Area 18–FAA Coordination/Handoff Procedures. Assists AWO/WD with ATC coordination in performing handoff IAW letters of agreement and FAA/theater directives.

7.21. Area 19–Identification. Assists the AWO/WD in identifying assigned aircraft employing pilot reported position, IFF/SIF returns or pilot maneuvering. Requests aircraft position from the SDT or handover facility and passes information to the AWO/WD. Identification is accomplished within one minute after aircraft radio check-in using radar or IFF/SIF displays.

7.22. Area 20–Situation Threat Information. Assists the AWO/WD in providing situation/threat information to aircraft upon check-in, as requested, and as the situation changes. Recognizes and advises the AWO/WD of changes in target heading, speed, and altitude. Monitors the area of responsibility (AOR) and notifies the AWO/WD of new threats.

7.23. Area 21–Mission Assistance. (Critical) Monitors mission activity and assists the AWO/WD to place controlled aircraft in a position to accomplish mission objectives IAW AFI 11-214 and MCM 3-1 consistent with ROE, operations directives, and battlestaff direction. Assists the AWO/WD in managing traffic flow for deconfliction on ingress, egress, and in the working area.

Chapter 8

AIR SURVEILLANCE OFFICER/AIR SURVEILLANCE TECHNICIAN QUALIFICATION EVALUATION

Section 8A—Instructions

8.1. General.

8.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified Air Surveillance Officer/Air Surveillance Technician (ASO/AST).

8.1.2. The ASO/AST evaluation must include performance during a large scale live or simulated exercise.

8.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all ASO/AST duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 8B—Qualification Criteria

8.3. Area 1–Mission Planning. Conducts mission planning which accounts for known mission requirements, limitations, and approved operating procedures IAW directives.

8.4. Area 2–Briefings/Debriefings. Attends briefings/debriefings and extracts/provides all necessary information. Conducts briefings/debriefings in an organized, logical sequence IAW directives.

8.5. Area 3–Coordination. Coordinates or reports all requirements, mission changes, equipment discrepancies, and limitations IAW directives.

8.6. Area 4–Equipment Setup/Checkout/Status Reporting. Sets up, checks out, and ensure reporting of status for console, communications, recording, and other operator tasked equipment to ensure operation is IAW directives. Supervises subordinates' positional setup for mission accomplishment.

8.7. Area 5–Console Operations and Displays. Interprets; initiates use of switch actions, buttons, and controls; ensures update of data link exchange systems and other interface control section (ICS) equipment and console displays are accomplished; ensures effective data exchange; and responds to alarms and alerts IAW directives.

8.8. Area 6–Communications Selection and Use. Selects and operates communications equipment to include primary, secondary, and backup system IAW system performance capabilities, mission tasking, and directives.

8.9. Area 7–Classified/COMSEC Material. Uses or supervises surveillance and ICS' control and use of classified/COMSEC material, authentication devices, and encryption/decryption procedures IAW directives.

8.10. Area 8–R/T Procedures. Employs R/T procedures IAW directives.

8.11. Area 9–Checklists/Displays. Interprets and ensures update of displays, and uses checklists to perform tasks IAW directives.

8.12. Area 10–Aircraft Emergency/SAR Procedures. Recognizes emergency and hijack aircraft situations. Accomplishes notification and reporting procedures for emergency/hijack situations and conducts SAR operations IAW directives.

8.13. Area 11–Sensors. Recognizes and reports degraded sensor performance. Implements sensor changes to optimize presentations based on equipment availability, capabilities, limitations, and mission tasking IAW directives.

8.14. Area 12–Current Air Picture (CRITICAL). Monitors the current air picture and takes actions to ensure tracks are detected, tracked, updated, and reported IAW directives.

8.15. Area 13–Surveillance Tell. Ensures surveillance tell is conducted IAW directives.

8.16. Area 14–Electronic Attack/Electronic Protection (EA/EP) Procedures. Recognizes the presence of electronic and mechanical jamming or interference. Ensures EA notification and reporting procedures are implemented. Ensure the Data Quality Monitor (DQM) applies EP as appropriate, and takes action to correlate the source of the EA IAW directives.

8.17. Area 15–Battle Management. Executes operations orders/operations plans (OPORDs/COMPLANs) IAW applicable directives. Directs employment of operations within the limitations and capabilities of assigned equipment. Interoperates with adjacent ground and airborne C^2 elements of both US and Canada. Ensures effective exchange of both voice and data link information. Plans, recognizes, and directs changes in levels of operations to meet unit tasking. Evaluates and directs changes in subordinate units' tasking/configuration, when assigned.

8.18. Area 16–E-3 Operations. Performs E-3 operations IAW directives.

8.19. Area 17–Expansion Procedures (CONUS only). Conducts expansion and expansion recovery procedures IAW directives.

8.20. Area 18–Computer Operations. Recognizes and reports degraded computer performance. Employs computer recovery procedures IAW directives.

8.21. Area 19–Interconnectivity Operations. Monitors ICS operations and takes action to ensure effective data exchange is achieved IAW directives. Directs the Interface Control technician (ICT) to ensure data links are available to fully support mission accomplishment.

8.22. Area 20–Mission Execution (Critical). Executes the assigned mission IAW directives. Conducts the mission with a sense of understanding and comprehension. Decision resulted in mission accomplishment and resources were effectively used to achieve mission objectives.

Chapter 9

IDENTIFICATION OFFICER/TECHNICIAN QUALIFICATION EVALUATION

Section 9A—Instructions

9.1. General.

9.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified Identification Officer/Technician (IDO/T). (IDOs N/A PACAF).

9.1.2. The IDO/T must be evaluated during a large scale live or simulated exercise. For the ARAOC, IDO/T evaluations may also be conducted during normal air defense operations so long as required items are appraised.

9.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all IDO/T duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 9B—Qualification Criteria

9.3. Area 1–Mission Planning. Performs mission planning which accounts for known mission requirements, limitations, and approved operating procedures IAW directives.

9.4. Area 2–Briefings/Debriefings. Attends briefings/debriefings and extracts/provides all necessary information. Performs briefings/debriefings in an organized, logical sequence IAW directives.

9.5. Area 3–Coordination. Provides accurate and complete information to all necessary external agencies. Coordinates and reports all requirements, mission changes, equipment discrepancies, and limitations IAW directives.

9.6. Area 4–Equipment Setup/Checkout/Status Reporting. Sets up, checks out, and ensures reporting of status for console, communications, recording, and other operator tasked equipment to ensure operation is IAW directives.

9.7. Area 5–Console Operations and Displays. Interprets; initiates use of switch actions, buttons, and controls; ensures update of data for console displays; and responds to alarms and alerts IAW directives.

9.8. Area 6–Communications Selection and Use. Selects and operates communications equipment to include primary, secondary, and backup systems IAW performance capabilities, mission tasking, and directives.

9.9. Area 7–Classified/COMSEC Material. Controls and uses classified/COMSEC material, authentication devices, and encryption/decryption procedures IAW directives.

9.10. Area 8–R/T Procedures. Employs R/T procedures IAW directives.

9.11. Area 9–Checklists/Displays. Interprets displays and uses checklists to perform tasks IAW directives.

9.12. Area 10–Aircraft Emergency/SAR Procedures. Identifies emergency and hijack aircraft situations, accomplishes notifications procedures, and conducts SAR operations IAW directives.

9.13. Area 11–Sensors. Recognizes and reports degraded sensor performance IAW directives.

9.14. Area 12–Identification Procedures (CRITICAL). Performs identification of all tracks within the assigned AOR within time limits prescribed in directives. Notifies the MCC of all tracks which cannot be identified. Recognizes and resolves identity and category conflicts, disseminates flight plan information, and implements Aircraft Movement Information System (AMIS) procedures IAW directives.

9.15. Area 13–Security Control of Air Traffic (SCAT) Procedures. Implements SCAT procedures IAW directives.

9.16. Area 14–Safe Passage Procedures (CRITICAL). Employs safe passage procedure identification and reporting procedures IAW directives.

9.17. Area 15–Rules of Engagement (N/A to PACAF units) (CRITICAL). Applies ROE, uses hostile act/intent criteria, complies with appropriate levels of authority IAW directives.

9.18. Area 16–E-3 Operations. Performs E-3 operations IAW directives.

9.19. Area 17–Expansion Procedures (CONUS only). Conducts expansion and expansion recovery procedures IAW directives.

9.20. Area 18–Navy/P-3/Carrier Operations. Interprets applicable messages, locates Mode 2 codes for naval units, and identifies/plots designated operational areas IAW directives.

9.21. Area 19–Computer Operations. Recognizes and reports degraded computer performance. Employs computer recover procedures IAW directives.

Chapter 10

DATA QUALITY MONITOR QUALIFICATION EVALUATION

Section 10A—Instructions

10.1. General.

10.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified Data Quality Monitor (DQM).

10.1.2. The DQM must be evaluated during a large scale live or simulated exercise. For the HIRAOC, DQM evaluations may also be conducted during normal air defense operations so long as all required items are appraised.

10.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all DQM duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 10B—Qualification Criteria

10.3. Area 1–Mission Planning. Performs mission planning which accounts for known mission requirements, limitations, and approved operating procedures IAW directives.

10.4. Area 2–Briefings/Debriefings. Attends briefings/debriefings and extracts/provides all necessary information. Performs briefings/debriefings in an organized, logical sequence IAW directives.

10.5. Area 3–Coordination. Coordinates and reports all requirements, mission changes, equipment discrepancies, and limitations IAW directives.

10.6. Area 4–Equipment Setup/Checkout/Status Reporting. Sets up, checks out, and ensures reporting of status for console, communications, recording, and other operator tasked equipment to ensure operation is IAW directives. Ensures assigned sensors are set up for mission accomplishment.

10.7. Area 5–Console/Remote Display Unit (RDU) Operations and Displays. Interprets; initiates use of switch actions, buttons, and controls; and ensure update of data for console/RDU displays; and responds to alarms and alerts IAW directives.

10.8. Area 6–Communications Selection and Use. Selects and operates communications equipment to include primary, secondary, and backup systems IAW performance capabilities, mission tasking, and directives. Completes communications checks and reports outages IAW directives.

10.9. Area 7–R/T Procedures. Employs R/T procedures IAW directives.

10.10. Area 8–Checklists/Displays. Interprets and updates displays and uses checklists to perform tasks IAW directives.

10.11. Area 9–Weather Information. Reads and interprets weather data, and ensures a current display of meteorological information IAW directives.

10.12. Area 10–Aircraft Emergency/SAR Procedures. Recognizes emergency and hijack aircraft situations. Accomplishes notification procedures for emergency/hijack situations, and performs SAR operations IAW directives.

10.13. Area 11–Sensors (CRITICAL). Recognizes and reports degraded sensor performance. Implements sensor changes to optimize presentations based on equipment availability, capabilities, limitations, and mission tasking IAW directives.

10.14. Area 12–Expansion Procedures (CONUS only). Performs expansion and expansion recovery procedures IAW directives.

10.15. Area 13–Data Inputs. Recognizes, reports, and takes action to correct degraded data inputs. Optimizes radar and IFF/SIF data inputs IAW directives.

10.16. Area 14–Auxiliary Equipment. Operates hardcopy printer and other operator tasked equipment IAW directives.

10.17. Area 15–EA/EP Procedures. Recognizes the presence of electronic and mechanical jamming, ensures notification and reporting procedures are implemented, and takes EP actions IAW directives.

10.18. Area 16–Current Air Picture. Monitors the current air picture and takes action to ensure optimum air picture is maintained IAW directives.

10.19. Area 17–Computer Operations. Recognizes and reports degraded computer performance. Employs computer recovery procedures IAW directives.

Chapter 11

EMERGENCY ACTIONS COORDINATOR QUALIFICATION EVALUATION

Section 11A—Instructions

11.1. General.

11.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified Emergency Actions Coordinator (EAC).

11.1.2. The EAC must be evaluated during a large scale live or simulated exercise

11.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all EAC duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 11B—Qualification Criteria

11.3. Area 1–Mission Planning. Performs mission planning which accounts for known mission requirements, limitations, and approved operating procedures IAW directives.

11.4. Area 2–Briefings/Debriefings. Attends briefings/debriefings and extracts/provides all necessary information. Performs briefings/debriefings in an organized, logical sequence IAW directives.

11.5. Area 3–Coordination. Coordinates and reports all requirements, mission changes, equipment discrepancies, and limitations IAW directives.

11.6. Area 4–Equipment Setup/Checkout/Status Reporting (RAOC/SAOC only). Sets up, checks out, and ensures reporting of status for console, communications, recording, and other operator tasked equipment to ensure operation is IAW directives.

11.7. Area 5–Communications Selection and Use. Selects and operates communications equipment to include primary, secondary, and backup systems IAW performance capabilities, mission tasking, and directives. Completes communications checks and reports outages IAW directives.

11.8. Area 6–Classified/COMSEC Material. Controls and uses classified/COMSEC material, authentication devices, and encryption/decryption procedures IAW directives.

11.9. Area 7–R/T Procedures. Employs R/T procedures IAW directives.

11.10. Area 8–Checklists/Displays. Interprets and updates displays and uses checklists to perform tasks IAW directives.

11.11. Area 9–Auxiliary Equipment. Operates encryption/decryption devices and other operator tasked equipment IAW directives.

11.12. Area 10–Alerting System Procedures. Accesses alerting system and performs procedures to include but not limited to processing messages, sending and receiving, viewing messages, establishing a conference call and adding conferees, changing bridge, and button acknowledge procedures IAW directives.

11.13. Area 11–Emergency Action Message (EAM) Procedures (CRITICAL). Receives, processes, and disseminates EAMs IAW directives.

11.14. Area 12–Quick Reaction Message (QRM) Procedures (CRITICAL). Receives, processes, and disseminates QRMs IAW directives.

Chapter 12

INTERFACE CONTROL OFFICER/TECHNICIAN QUALIFICATION EVALUATION

Section 12A—Instructions

12.1. General.

12.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified Interface Control Officer/Interface Control Technician (ICO/ICT).

12.1.2. The ICO/ICT must be evaluated in a live environment using unit and any type of data link (i.e., TADIL-A, TADIL-B, etc.) for the RADIL and associated equipment portion. The ADNET, AICU, and other auxiliary equipment may be evaluated in a live or exercise environment.

12.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all ICO/ICT duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 12B—Qualification Criteria

12.3. Area 1–Mission Planning. Performs mission planning which accounts for known mission planning requirements, limitations, and approved operating procedures IAW directives.

12.4. Area 2–Briefings/Debriefings. Attends briefings/debriefings and extracts/provides all necessary information. Performs briefings/debriefings in an organized, logical sequence IAW directives.

12.5. Area 3–Coordination. Coordinates and reports all requirements, mission changes, equipment discrepancies, and limitations IAW directives.

12.6. Area 4–Equipment Setup/Checkout/Status Reporting. Sets up, checks out, and ensures reporting of status for console, communications, recording, and other operator tasked equipment to ensure operation is IAW directives.

12.7. Area 5–Communications Selection and Use. Selects and operates communications equipment and frequencies to include primary, secondary, and backup systems IAW performance capabilities, mission tasking, and directives. Ensure completion of communications checks and reports outages IAW directives.

12.8. Area 6–Classified/COMSEC Material. Controls and uses classified/COMSEC material, authentication devices, and encryption/decryption procedures IAW directives.

12.9. Area 7–R/T Procedures. Employs R/T procedures IAW directives.

12.10. Area 8–Checklists/Displays. Interprets displays and uses checklists to perform tasks IAW directives.

12.11. Area 9–Console Operations and Displays. Interprets; initiates use of switch actions, buttons, and controls; ensures update of data for RADIL, AICU, the ADNET, and other ICS equipment and console displays are accomplished; ensures effective data exchange; and responds to alarms and alerts IAW directives.

12.12. Area 10–System Interface (CRITICAL). Monitors link interface operations and recognizes degraded performance. Applies diagnostic testing and implements actions to ensure effective data and information exchanged IAW directives.

12.13. Area 11–Auxiliary Equipment. Recognizes, operates, and reports degraded performance of the Whisper Writer (if applicable), line printer, data terminal set, encryption/decryption devices, LMS-11, or other operator tasked equipment IAW directives.

12.14. Area 11–E-3 Operations. Conducts Joint Tactical Air Operations (JTAO) operations IAW directives.

12.15. Area 13–Expansion Procedures (CONUS only). Conducts expansion and expansion recovery procedures IAW directives.

12.16. Area 14–Mission Execution (Critical). Executes the assigned mission IAW directives. Conducts the mission with a sense of understanding and comprehension. Decisions results in mission accomplishment and resources effectively used to achieve mission objective.

Chapter 13

TRACKING TECHNICIAN QUALIFICATION EVALUATION

Section 13A—Instructions

13.1. General.

13.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified Tracking Technician (TT).

13.1.2. The TT must be evaluated during a large scale live or simulated exercise. For the HIRAOC, TT evaluations may also be conducted during normal air defense operations so long as required items are appraised.

13.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all TT duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 13B—Qualification Criteria

13.3. Area 1–Mission Planning. Performs mission planning which accounts for known mission requirements, limitations, and approved operating procedures IAW directives.

13.4. Area 2–Briefings/Debriefings. Attends briefings/debriefings and extracts/provides all necessary information. Performs briefings/debriefings in an organized, logical sequence IAW directives.

13.5. Area 3–Coordination. Coordinates and reports all requirements, mission changes, equipment discrepancies, and limitations IAW directives.

13.6. Area 4–Equipment Setup/Checkout/Status Reporting. Sets up, checks out, and ensures reporting of status for console, communications, recording, and other operator tasked equipment to ensure operation is IAW directives.

13.7. Area 5–Console Operations and Displays. Interprets; initiates use of switch actions, buttons, and controls; ensures update of data for console displays; and responds to alarms and alerts IAW directives.

13.8. Area 6–Communications Selection and Use. Selects and operates communications equipment to include primary, secondary, and backup systems IAW performance capabilities, mission tasking, and directives. Completes communications checks and reports outages IAW directives.

13.9. Area 7–Classified/COMSEC Material. Controls and uses classified/COMSEC material, authentication devices, and encryption/decryption procedures IAW directives.

13.10. Area 8–R/T Procedures. Employs R/T procedures IAW directives.

13.11. Area 9–Checklists/Displays. Interprets and updates displays and uses checklists to perform tasks IAW directives.

13.12. Area 10–Aircraft Emergency/SAR Procedures. Recognizes emergency and hijack aircraft situations. Accomplishes notification procedures for emergency/hijack situations, and performs SAR operations IAW directives.

13.13. Area 11–Sensors. Recognizes and reports degraded sensor performance IAW directives.

13.14. Area 12–Surveillance Tell. Conducts surveillance tell IAW directives to include E-3 operations.

13.15. Area 13–Detection/Initiation (CRITICAL). Detects tracks and initiates symbology within two minutes of a valid track. A valid track is three consecutive returns.

13.16. Area 14–Tracking/Reporting (CRITICAL). Monitors, updates, and reports tracks IAW directives.

13.17. Area 15–EA/EP Procedures. Recognizes and reports the presence of electronic and mechanical jamming or interference, and implements EA notification and reporting procedures IAW directives. Takes action to correlate the source of the EA IAW directives.

13.18. Area 16–Expansion Procedures (CONUS only). Performs expansion and expansion recovery procedures IAW directives.

13.19. Area 17–Computer Operations. Recognizes and reports degraded computer performance. Employs computer recovery procedures IAW directives.

Chapter 14

KOREAN THEATER AIR CONTROL SYSTEM JASDF BASE AIR DEFENSE GROUND ENVIRONMENT SYSTEM MISSION CREW COMMANDER/TECHNICIAN QUALIFICATION EVALUATION

Section 14A—Instructions

14.1. General:

14.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified (BQ) Mission Crew Commander/Technician (MCC/T) and is applicable to 13BXXs and 1C5X1s assigned to the 621ACS. The 610ACF and 623ACF will supplement this chapter to encompass those responsibilities required during TCOT operations. The MCC and MCCT qualifications will be designated as BMC certified positions for the Japan based units.

14.1.2. The MCC/T evaluation must include performance during daily flying activity and ADSI operations that support evaluation objectives. Scenarios for non-flying activities should be used to cover areas not normally encountered during daily activity.

14.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all MCC/T duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 14B—Qualification Criteria:

14.3. Area 1 - Console Displays - Positional Aids:

14.3.1. Q - Interpreted, initiated use of switch actions, buttons, and controls, ensured update of data for console displays, and responded to alarms and alerts. Effectively applied the use of positional aids.

14.3.2. U - Lacked critical knowledge to effectively apply information from console displays and positional aids. Mission accomplishment was or could have been adversely affected.

14.4. Area 2 - C2 (AD/KTACS) Organization and Responsibilities:

14.4.1. Q - Knowledgeable of the theater C2 structure. Explained KTACS organizational structure and responsibilities.

14.4.2. U - Failed to demonstrate adequate knowledge of the C2 structure/responsibilities with major omissions or errors.

14.5. Area 3 - Unit Operations Structure and Function:

14.5.1. Q - Knowledgeable of chain of command and unit organizational/structure. Described all major operations functions.

14.5.2. U - Failed to demonstrate adequate knowledge of chain of command and unit/or organizational structure. Unable to describe major operations functions.

14.6. Area 4 - Operations Plans/Orders/ITOs/Schedules/Checklists (Critical):

14.6.1. Q - Knowledgeable of and demonstrated effective application of OPLANs, OPORDs, Integrated Tasking Orders (ITOs), operational schedules and checklists.

14.6.2. U - Failed to demonstrate adequate knowledge and effective application of OPLANs, OPORDs, ITOs, operational schedules or checklists with major omissions or errors

14.7. Area 5 - Operational Messages/Reports:

14.7.1. Q - Knowledgeable of and demonstrated effective application of operational messages/ reports. Able to effectively prepare required documents and accomplish verbal reports IAW applicable directives.

14.7.2. U - Failed to demonstrate adequate knowledge and/or application of operational messages/ reports. Unable to effectively prepare and route required documents and accomplish verbal reports.

14.8. Area 6 - Communications Systems:

14.8.1. Q - Knowledgeable of and demonstrated effective application of dedicated communications/ computer systems (including CTAPS), and outage procedures IAW applicable directives.

14.8.2. U - Failed to demonstrate adequate knowledge or effective application of dedicated communications/computer systems with major omissions or errors.

14.9. Area 7- Radar Systems:

14.9.1. Q - Knowledgeable of theater radar systems to include areas of responsibility, coverage/limitations, and preventive maintenance procedures IAW applicable directives. Knowledgeable of Theater Ballistic Missile (TBM) threats and defense mechanisms.

14.9.2. U - Failed to demonstrate adequate knowledge of radar systems/TBM systems with major omissions or errors.

14.10. Area 8 - KTACS Airfield/Airbase Structure:

14.10.1. Q - Demonstrated adequate knowledge of theater airfield/airbase structure.

14.10.2. U - Failed to demonstrate adequate knowledge of theater airfield/airbase structure with major omissions or errors.

14.11. Area 9 - OPSEC/COMSEC and Authentication Procedures (Critical):

14.11.1. Q - Demonstrated thorough knowledge of OPSEC/COMSEC requirements and procedures; able to effectively accomplish appropriate authentication IAW applicable directives.

14.11.2. U - Failed to demonstrate thorough knowledge of OPSEC/COMSEC requirements or procedures. Did not satisfactory accomplish applicable authentication in terms of time and accuracy.

14.12. Area 10 - Airspace Control/Management :

14.12.1. Q - Demonstrated adequate knowledge and effective application of airspace control and management procedures IAW applicable directives.

14.12.2. U - Failed to demonstrate adequate knowledge and effective application of airspace control and management procedures with major omissions or errors.

14.12.3. Sub areas:

14.12.3.1. Organizational agencies, Flight Information Regions (FIR) and responsibilities.

14.12.3.2. Allied Airspace configuration and boundaries.

14.13. Area 11 - Alert and Warnings, and Command Readiness Actions (Criti cal):

14.13.1. Q - Could define and describe actions associated with each alert and warnings and readiness state.

14.13.2. U - Failed to demonstrate adequate knowledge of alerts and waning procedures and command readiness actions. Made major omissions or errors.

14.14. Area 12 - Air Operations (Three sub-areas are Critical):

14.14.1. Q - Demonstrated adequate knowledge of exercises (live/simulated) conducted in theater. Ensured positional requirements were met in accordance with ITOs, schedules, and established directives.

14.14.2. U - Failed to demonstrate adequate knowledge of exercises conducted in theater. Positional requirements were not met.

14.14.3. Sub-Areas:

14.14.3.1. Area of Responsibility.

14.14.3.2. AWACS Employment/Interface (ADSI).

14.14.3.3. Airborne Order/Scramble Procedures .

14.14.3.4. STOPS (Critical).

14.14.3.5. SCATANA.

14.14.3.6. Flush Procedures.

14.14.3.7. Threat Warning (Critical).

14.14.3.8. Rules of Engagement (Critical).

14.14.3.9. ADA/Patriots.

14.15. Area 13 - Positional Aids and Displays:

14.15.1. Q - Used positional aids and displays to effect effective actions for of IFE, search and rescue, and MEDEVAC procedures.

14.15.2. U - Failed to demonstrate effective use and application of positional aids and displays for IFE, search and rescue, and MEDEVAC procedures. Made major errors or omissions.

14.16. Area 14 - Mission Planning/Briefing (Critical):

14.16.1. Q - Demonstrated in-depth ability to mission plan and coordinate with other positions, agencies and combined/joint forces. Accomplished required briefings in IAW established procedures.

14.16.2. U - Failed to demonstrate ability to mission plan and coordinate effectively. Failed to accomplish required briefings.

14.17. Area 15 - Situational Awareness and Internal/External Coordination (Critical):

14.17.1. Q - Maintained constant and comprehensive awareness of the pertinent air situation. Effectively coordinated on position with other positions, agencies, and combined/joint forces.

14.17.2. U - Failed to demonstrate adequate awareness of the air situation. Failed to effectively coordinate with other internal/ external agencies on position.

14.18. Area 16 - In-Flight emergencies (Critical):

14.18.1. Q - Demonstrated thorough knowledge and application of IFE, search and rescue, and MEDEVAC procedures.

14.18.2. U - Failed to demonstrate thorough knowledge with major omissions or errors.

14.19. Area 17 - Air Defense System Integrator (ADSI) (Critical):

14.19.1. Q - Demonstrated thorough knowledge and use of information displayed. Managed assets based upon mission requirements.

14.19.2. U - Failed to use available information to provide effective Battle Management of available assets.

14.20. Area 18 - Logs and Forms:

14.20.1. Q - Knowledgeable in the use of unit operational logs and forms. Forms were complete and accurate.

14.20.2. U - Lacked critical knowledge of unit operational logs and forms. Made major omissions or errors.

Chapter 15

KOREAN THEATER AIR CONTROL SYSTEM JASDF BASE AIR DEFENSE GROUND ENVIRONMENT SYSTEM SENIOR DIRECTOR QUALIFICATION EVALUATION

Section 15A—Instructions

15.1. General:

15.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified Senior Director (SD) and is applicable to 13BXX assigned to the 621ACS, 623ACF and 610ACF. The 610ACF and 623ACF will supplement this chapter to encompass those responsibilities required during TCOT operations.

15.1.2. The SD evaluation must include performance during daily flying activity that supports evaluation objectives. Scenarios for non-flying activities should be used to cover areas not normally encountered during daily activity. The SD must supervise a minimum of two control teams during the evaluation. The SD must maintain Weapons qualification. Functional tasks common to weapons and SD may be evaluated only once and credited to both evaluations.

15.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all SD duties safely and effectively IAW technical orders and operational directives. A rating of Q or U will be given to each area.

Section 15B—Qualification Criteria

15.3. Area 1 - Console Displays - Positional Aids:

15.3.1. Q - Interpreted, initiated use of switch actions, buttons, and controls, ensured update of data for console displays, and responded to alarms and alerts. Effectively applied the use of positional aids.

15.3.2. U - Lacked critical knowledge to effectively apply information from console displays and positional aids. Mission accomplishment was or could have been adversely affected.

15.4. Area 2 - Internal/External Coordination:

15.4.1. Q - Coordinated and reported all requirements, mission changes, equipment discrepancies and limitations IAW directives.

15.4.2. U - Demonstrated poor or unprofessional coordination. Mission accomplishment or continuity of operations was or could have been adversely affected.

15.5. Area 3 - Air Defense Operations (two sub-areas are critical):

15.5.1. Q - Effectively applied established air defense procedures and concepts.

15.5.2. U - Lacked critical knowledge or failed to effectively apply established air defense procedures. Made major omission, and errors. Mission accomplishment was or could have been adversely affected.

15.5.3. Specific sub-areas are:

15.5.3.1. Alerts and Warnings.

15.5.3.2. Scramble/Airborne Orders.

15.5.3.3. Safe Passage (Critical).

15.5.3.4. SCATANA/ESCAT.

15.5.3.5. Rules of Engagement (Critical).

15.5.3.6. Flush Procedures.

15.6. Area 4 - Communication System Selection and Use :

15.6.1. Q - Knowledgeable of and demonstrated effective application of dedicated communications/ computer systems, to include CTAPS and primary, secondary, and secure systems IAW performance capabilities, mission tasking and directives. Ensured communication checks are completed and outages reported IAW directives.

15.6.2. U - Lacked critical knowledge to effectively utilize dedicated communication systems. Made major omissions or errors. Mission accomplishment was or could have been adversely affected.

15.7. Area 5 - Situational Awareness (Critical):

15.7.1. Q - Maintained constant and comprehensive awareness of the air situation and weapons allocation options. Effectively led and managed the weapons teams based on accurate interpretation of the air situation.

15.7.2. U - Failed to maintain constant or comprehensive awareness of the air situation. Was unable or failed to lead or manage the weapons teams. Mission accomplishment was or could have been adversely effected.

15.8. Area 6 - E-3/ABCCC/JSTARS Coordination:

15.8.1. Q - Employs established coordination procedures with airborne assets in theater.

15.8.2. U - Lacked critical knowledge of the airborne employment role in theater or use of established coordination procedures. Mission accomplishment was or could have been adversely affected.

15.9. Area 7 - Flying Safety/Emergency Procedures/Sar (Critical):

15.9.1. Q - Employed all available methods to ensure flight safety during all phases of missions. Effectively applied flying safety requirements; emergency procedures and checklists, and SAR procedures.

15.9.2. U - Lacked critical knowledge and/or made major omissions or errors. Flying safety was or could have been adversely effected.

15.10. Area 8 - Briefings:

15.10.1. Q - Conducted a thorough briefing using established checklists and procedures.

15.10.2. U - Failed to conduct thorough briefing.

15.11. Area 9 - Daily Flying Operations:

15.11.1. Q - Effectively managed the local flying environment. Adequately monitored missions. Ensured flight safety. Effectively scheduled weapons teams to control all missions.

15.11.2. U - Lacked critical knowledge of or could not effectively manage the flying environment. Failed to adequately monitor missions or ensure flight safety. Weapons team scheduling was ineffective. Mission accomplishment was or could have been adversely affected.

15.12. Area 10 - Pre-positioned Integrated Tasking Order (Critical):

15.12.1. Q - Demonstrated ability to execute the Pre-ITO.

15.12.2. U - Lacked critical knowledge of the Pre-ITO. Had major omissions or errors. Execution of the Pre-ITO could have been adversely effected.

15.13. Area 11 - Air Defense System Integrator (ADSI) (Korea only):

15.13.1. Q - Demonstrated thorough knowledge and use of information displayed. Managed assets based upon information available and mission requirements.

15.13.2. U - Failed to use available information to provide effective Battle Management of available assets.

Chapter 16

KOREAN THEATER AIR CONTROL SYSTEM JASDF BASE AIR DEFENSE GROUND ENVIRONMENT SYSTEM SENIOR DIRECTOR TECHNICIAN QUALIFICATION EVALUATION

Section 16A—Instructions

16.1. General:

16.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified Senior Director Technician (SDT) and is applicable to 1C5X1s assigned to the 621ACS, 623ACF and 610ACF. The 610ACF and 623ACF will supplement this chapter to encompass those responsibilities required during TCOT operations.

16.1.2. The SDT evaluation must include performance during daily flying activity that supports evaluation objectives. Scenarios for non-flying activities should be used to cover areas not normally encountered during daily activity. The SDT must assist the SD in supervision of a minimum of two control teams during the evaluation. The SDT must maintain qualification as a Combat Mission Ready (CMR) Weapons Director/Technician (WD/T). Functional tasks common to both WD/T and SD/T may be evaluated only once and credited to both evaluations.

Section 16B—Qualification Criteria

16.2. Area 1 - Console Displays - Positional Aids:

16.2.1. Q - Interpreted, initiated use of switch action, buttons, and controls, ensured update of data for console displays, and responded to alarms and alerts IAW directives. Effectively applied the use of positional aids.

16.2.2. U - Lacked critical knowledge to effectively apply information from console displays and positional aids. Mission accomplishment was or could have been adversely affected.

16.3. Area 2 - Internal/External Coordination:

16.3.1. Q - Coordinated and reported all requirements, mission changes, equipment discrepancies and limitations IAW directives.

16.3.2. U - Demonstrated poor or unprofessional coordination. Mission accomplishment or continuity of operations was or could have been adversely affected.

16.4. Area 3 - Air Defense Operations (two sub-areas are critical):

16.4.1. Q - Effectively applied established air defense procedures and concepts.

16.4.2. U - Lacked critical knowledge or failed to effectively apply established air defense procedures. Made major omission, and errors. Mission accomplishment was or could have been adversely affected.

16.4.3. Specific sub-areas are:

16.4.3.1. Alerts and Warnings.

16.4.3.2. Scramble/Airborne Orders.

16.4.3.3. Safe Passage (Critical).

16.4.3.4. SCATANA/ESCAT.

16.4.3.5. Rules of Engagement (Critical).

16.4.3.6. Flush Procedures.

16.5. Area 4 - Communication Systems Selection and Use:

16.5.1. Q - Selected and operated communications equipment to include primary, secondary, and secure systems IAW performance capabilities, mission tasking and directives. Ensured communication checks are completed and outages reported IAW directives.

16.5.2. U - Lacked critical knowledge to effectively utilize dedicated communication systems. Made major omissions or errors. Mission accomplishment was or could have been adversely affected.

16.6. Area 5 - Situational Awareness:

16.6.1. Q - Maintained constant and comprehensive awareness of the air situation. Effectively assisted the SD in leading the weapons teams based on accurate interpretation of the air situation.

16.6.2. U - Failed to maintain constant or comprehensive awareness of the air situation. Was unable or failed to assist in leading the weapons teams. Mission accomplishment was or could have been adversely effected.

16.7. Area 6 - E-3/ABCCC/JSTARS Coordination:

16.7.1. Q - Employs established coordination procedures with airborne assets.

16.7.2. U - Lacked critical knowledge of the airborne employment role in theater or use of established coordination procedures. Mission accomplishment was or could have been adversely affected.

16.8. Area 7 - Flying Safety/Emergency Procedures/SAR (Critical):

16.8.1. Q - Employed all available methods to ensure flight safety during all phases of missions. Effectively applied flying safety requirements, emergency procedures and checklists, and SAR procedures.

16.8.2. U - Lacked critical knowledge and/or made major omissions or errors. Flying safety was or could have been adversely effected.

16.9. Area 8 - Briefings:

16.9.1. Q - Conducted a thorough briefing using established checklists and procedures.

16.9.2. U - Failed to conduct thorough briefing.

16.10. Area 9 - Daily Flying Operations:

16.10.1. Q - Effectively managed the local flying environment. Adequately monitored missions. Ensured flight safety.

16.10.2. U - Lacked critical knowledge of or could not effectively manage the flying environment. Failed to adequately monitor missions or ensure flight safety. Mission accomplishment was or could have been adversely affected.

16.11. Area 10 - Pre-positioned Integrated Tasking Order (Critical):

16.11.1. Q - Demonstrated ability to execute the Pre-lTO.

16.11.2. U - Lacked critical knowledge of the Pre-ITO. Had major omissions or errors. Execution of the Pre-ITO could have been adversely effected.

Chapter 17

KOREAN THEATER AIR CONTROL SYSTEM JASDF BASE AIR DEFENSE GROUND ENVIRONMENT SYSTEM WEAPONS QUALIFICATION EVALUATION

Section 17A—Instructions

17.1. General. This chapter contains the criteria specifying the tasks required of a Basic Qualified (BQ) Weapons personnel and is applicable to 13BX/1C5X1Ds assigned to the 621ACS, 623ACF, and 610ACF.

17.1.1. Specific control events that must be accomplished for BQ qualifications are:

17.1.1.1. Air Combat Tactics: Provide control to tactical fighter(s) in a two scope, two frequency air combat mission. Adversary force must have at least two aircraft. Must be conducted live.

17.1.1.2. Control two intercept events. One intercept will be conducted using close control procedures with a mission objective of visual identification using stern geometry against a non-maneuvering target or against a target cleared for restricted maneuvering. The second intercept will be conducted using close control procedures with a mission objective of cutoff. The target(s) will be cleared evasive. Visual identification procedures will be IAW AFI 11-214 and published local directives. This requirement may be satisfied by para 17.1.2.3 if conducted live and the SEE is satisfied with the evaluatee's proficiency in positioning geometry.

17.1.1.3. Air Refueling: Provide close control to at least one tanker and two flights of receivers. Make all required safety calls. Control one point parallel and one receiver turn-on rendezvous. At roll-out the receivers must be 0 - 3 miles in trail and 0 - 30 degrees either side of the tanker's tail. May be conducted live or sim.

17.1.1.4. Air-to-Surface: Must be accomplished during a Close Air Support (CAS) mission providing control to at least on AFAC and one flight of strikers. Adheres to AFI 11-214 and local directives if applicable. May be conducted live or sim.

17.1.1.5. TAC Scope (Korea only): Provide radar monitor for a minimum of five flights of aircraft (a single aircraft can be considered a flight) simultaneously for a period of time determined by the evaluator. Must be conducted live.

17.1.2. Weapons personnel will be evaluated on a live intercept and/or a air refueling mission and an air combat training/dissimilar air combat training (ACT/DACT) mission. The SEE is responsible for making the determination as to whether briefed/conducted control activities fulfill live control requirements. The specific control events not evaluated in the live environment will be evaluated using simulation equipment if available.

17.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all weapons duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 17B—Qualification Criteria

17.3. Area 1 - Mission Preparation:

17.3.1. Q - Mission planning was comprehensive and effective. Pre-mission briefings and coordination was thorough. Factors, situations or conditions having a bearing on the mission were reviewed. Duties and responsibilities during emergencies were discussed and signed.

17.3.2. U - Mission planning, briefing and/or coordination were seriously lacking. Mission essential information was erroneous or omitted to the point where mission accomplishment was or could have been adversely affected.

17.4. Area 2 - Positional Equipment Check-Out /Set-Up:

17.4.1. Q - Set up, checked out, and ensured reporting of status for console, recording, and other operator tasked equipment to ensure operation was IAW directives. Equipment set-up did not adversely impact the mission.

17.4.2. U - Lacked critical knowledge of functions and controls of positional equipment. Operational status of equipment was not verified or equipment discrepancies were not noted or reported. Mission accomplishment was or could have been adversely affected.

17.5. Area 3 - Console Displays and Positional Aids:

17.5.1. Q - Interpreted, initiated use of switch actions, buttons, and control, ensured update of data for console displays, and responded to alarms and alerts IAW directives. Effectively used and interpreted available positional aids.

17.5.2. U - Lacked critical knowledge or failed to effectively use console displays (including related switch actions and data entry and positional aids. Mission accomplishment was or could have been adversely affected.

17.5.3. Specific sub-areas are:

17.5.3.1. Situation/Tabular Display.

17.5.3.2. Category/Feature Select Switches.

17.5.3.3. Symbology.

17.5.3.4. Action Entry Panel/Data Entry Keyboard/Entry Feedback Area .

17.5.3.5. NOTAMS/Schedules/ITOs/Quick Reference Guides.

17.5.3.6. Checklists.

17.5.3.7. Mission Logs

17.6. Area 4 - Local Orientation:

17.6.1. Q - Knowledgeable of local airfields, air routes, NAVAIDS, airspace, restricted/prohibited special use areas; aeronautical references and fixes, radar site capabilities/limitations and responsibilities, air traffic control functions; minimum safe altitudes and terrain features.

17.6.2. U - Lacked critical knowledge of local specifics. Mission accomplishment was or could have been adversely impacted.

17.7. Area 5 - Authentication/Encryption/Cipher Devices (Critical):

17.7.1. Q - Controlled and used classified COMSEC material, authentication devices' and encryption decryption procedures IAW directives.

17.7.2. U - Lacked critical knowledge or could not effectively use applicable devices.

17.8. Area 6 - Aircraft Identification:

17.8.1. Q - Identifies assigned aircraft employing pilot reported position, Identification Friend or Foe/ Selective Identification Feature (IFF/SIF) returns or pilot maneuvering. Accomplished identification after aircraft radio check-in using radar or IFF/SIF displays.

17.8.2. U - Lacked critical knowledge or could not effectively apply procedures and techniques used for aircraft identification. Actions resulted in confusion; delay or inability to assume control within established time limits; or an unsafe situation. Mission accomplishment was or could have been adversely affected.

17.9. Area 7 - Situational Awareness (Critical):

17.9.1. Q - Maintained constant and comprehensive awareness of the pertinent air situation. Provided aircrews with essential and accurate information based on that awareness. Effectively used radar, IFF and pilot calls to build and maintain situation awareness and responsiveness.

17.9.2. U - Failed to maintain constant and comprehensive awareness of the pertinent air situation. Was unable or failed to provide aircrew with essential information. Was unable or failed to use available inputs to build and maintain situation awareness and responsiveness. Mission accomplishment was or could have been adversely affected.

17.10. Area 8 - Flight Safety And Emergency Procedures (Critical):

17.10.1. Q - Recognized emergency and hijack aircraft situation, implemented notification of recovery procedures, performed emergency aircraft actions, and conducted SAR operations IAW directives. Adhered to SD/T direction. Transmitted all required safety calls. Knowledgeable of criteria to "TERMINATE" and "KNOCK-IT-OFF. an engagement.

17.10.2. U - Lacked critical knowledge or failed to apply flight safety requirements and emergency procedures and checklists. Failed to provide timely and accurate traffic advisories, safety calls/checks or ATC clearances. Failed to ensure airspace integrity. Failed to adhere to SD/T direction. Mission accomplishment was or could have been adversely affected.

17.11. Area 9 - Air Combat Tactics Positional (Critical):

17.11.1. Q - Provided essential information in an approved, briefed, or requested format. Provided timely and accurate target information. Made threat calls to appropriate bandits. Adhered to mission brief. Ensured no unreported bandits killed friendly aircraft.

17.11.2. U - Failed to provide essential information in a timely or accurate manner. Failed to make threat calls when required. Failed to adhere to the mission brief. Friendly aircraft were killed by unreported bandits. Mission accomplishment was or could have been adversely affected.

17.12. Area 10 - Air Refueling Positional (Critical):

17.12.1. Q - Provided guidance to all aircraft, including vectors and direction of turn, altitudes and speeds as required. Adjusted commands as necessary. Ensured a timely and successful rendezvous with receivers positioned within a 30 degree cone and 0-3 nautical miles in trail of the tanker. Made all required safety calls.

17.12.2. U - Failed to provide guidance to aircraft, including vectors and directions of turn, altitudes or speed, to ensure a timely and successfully positioned rendezvous. Failed to adjust commands as required. Failed to make all required safety calls. Mission accomplishment was or could have been adversely affected.

17.13. Area 11 - Close Air Support Positional (Critical):

17.13.1. Q - Provided appropriate level of control to all aircraft. Adhered to AFI 11-214 and ensured aircrew adhered to CAS local operating instructions. Demonstrated smooth transfer of control with air or ground FAC. Provided threat warnings as required. Coordinated with other weapons scopes as required.

17.13.2. U - Failed to provide appropriate control to all aircraft. Failed to adhere to AFI 11-214. Failed to demonstrate smooth transfer of control with air or ground FAC. Failed to provide threat warning. when required. Failed to coordinate with other weapons scopes when required. Mission accomplishment was or could have been adversely affected.

17.14. Area 12 - Air Intercept Mission (Critical):

17.14.1. Q - Effectively provided close control for two intercept missions. Provided effective guidance to the aircraft to include vectors , altitude, speed , and direction of turns to accomplish an effective stern conversion (0 -3 nautical miles in trail within a 30 degree cone) and a cutoff intercept (30 degree cone). Accomplished all required safety calls. Adjusted commands as necessary to accomplish mission objectives.

17.14.2. U - Failed to provide appropriate control to aircraft. Failed to adjust commands to accomplish mission objectives.

17.15. Area 13 - WD/WDT Teamwork Positional:

17.15.1. Q - Demonstrated a high degree of professionalism and effective teamwork. Briefed mission responsibilities. Performed mission tacks as briefed Debriefed mission conduct, flow and individual performance; provided feedback as required.

17.15.2. U - Failed to demonstrate effective teamwork. Failed to brief mission responsibilities. Failed to perform mission tasks as briefed. Failed to debrief or provide required feedback. Lack of teamwork adversely affected mission accomplishment.

17.16. Area 14 - R/T Proficiency/Communications:

17.16.1. Q - Effectively applied appropriate R/T brevity code words and communication procedures. Transmissions were clear, concise and accurate.

17.16.2. U - Failed to demonstrate thorough knowledge or effective application of appropriate R/T, brevity cod-words or communication procedures. Transmissions were excessive, incomplete, broken,

clipped, or repetitious or contained extraneous information. Mission accomplishment was or could have been adversely affected.

17.17. Area 15- Air Defense Operations:

17.17.1. Q - Effectively applied established air defense procedures and concepts.

17.17.2. U - Failed to demonstrate thorough knowledge or effectively apply established air defense procedures or concepts. Mission accomplishment was or could have been adversely effected.

17.17.3. Specific sub-areas are:

17.17.3.1. Alerts and Warnings.

17.17.3.2. SCATANA/ESCAT.

17.17.3.3. Safe Passage. (Critical).

17.17.3.4. Rules of Engagement (Critical).

17.17.3.5. Scramble/Airborne Order.

17.18. Area 16 - Tactical Missions:

17.18.1. Q - Effectively applied tactical mission types flown by local forces, including air interdiction, battlefield air interdiction, suppression of enemy air defenses, strike control and reconnaissance, offensive counter air and defensive counter air, and reconnaissance.

17.18.2. U - Failed to effectively apply tactical missions as required.

17.19. Area 17 - Threat Capabilities and Limitations:

17.19.1. Q - Knowledgeable of theater air and surface threat capabilities and limitations.

17.19.2. U - Failed to demonstrate thorough knowledge of theater air and surface capabilities and limitations.

17.20. Area 18 - Communications Selections and Use:

17.20.1. Q - Selected and operated communications equipment to include primary, secondary, and secure systems IAW performance capabilities, mission tasking and directives. Ensured communication checks are completed and outages reported IAW directives.

17.20.2. U - Lacked critical knowledge to effectively utilize dedicated communication systems. Made major omissions or errors. Mission accomplishment was or could have been adversely affected.

Chapter 18

KOREAN THEATER AIR CONTROL SYSTEM JASDF BASE AIR DEFENSE GROUND ENVIRONMENT SYSTEM WEAPONS DIRECTOR TECHNICIAN QUALIFICATION EVALUATION

Section 18A—Instructions

18.1. General:

18.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified (BQ) Weapons Director Technician (WDT)and is applicable to 1C5X1s assigned to the 621ACS, 623ACF, and 610ACF.

18.1.2. For basic qualification, the WDT will be evaluated while assisting a WD in performing the following events:

18.1.2.1. Air Combat Tactics: Assist the WD in providing control to tactical fighter(s) in a two scope, two frequency air combat mission. Adversary force must have at least two aircraft. Must be conducted live.

18.1.2.2. Intercept events. One intercept will be conducted using close control procedures with a mission objective of visual identification using stern geometry against a non-maneuvering target or against a target cleared for restricted maneuvering. The second intercept will be conducted using close control procedures with a mission objective of cutoff. The target(s) will be cleared evasive. Visual identification procedures will be IAW AFI 11-214 and published local directives.

18.1.2.3. Air Refueling: Assist the WD in providing close control to at least one tanker and two flights of receivers. Make all required safety calls. Assist in the control of one point parallel and one receiver turn-on rendezvous. May be conducted live or sim.

18.1.2.4. Air-to-Surface: Must be accomplished during a Close Air Support (CAS) mission providing control to at least on AFAC and one flight of strikers. Adheres to AFI 11-214 and local directives if applicable. May be conducted live or sim.

18.1.3. The WDT will be evaluated on a live intercept and/or a refueling mission, and an air combat training/dissimilar air combat training (ACT/DACT) mission. The SEE is responsible for making the determination as to whether briefed/con-ducted control activities fulfill live control requirements. The specific control events not evaluated in the live environment will be evaluated using simulation equipment if available.

18.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all WDT duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 18B—Qualification Criteria

18.3. Area 1 - Mission Preparation:

18.3.1. Q - Assist the WD in mission planning. Extracts all necessary information during pre-mission briefings and coordination. Factors, situations or conditions having a bearing on the mission were reviewed. Duties and responsibilities during emergencies were discussed and documented.

18.3.2. U - Mission planning, briefing and/or coordination were seriously lacking. Mission essential information was erroneous or omitted to the point where mission accomplishment was or could have been adversely affected.

18.4. Area 2 - Positional Equipment Check-Out /Set-Up:

18.4.1. Q - Set up, checked out, and ensured reporting of status for console, recording, and other operator tasked equipment to ensure operation was IAW directives. Equipment set-up did not adversely impact the mission.

18.4.2. U - Lacked critical knowledge of functions and controls of positional equipment. Operational status of equipment was not verified or equipment discrepancies were not noted or reported. Mission accomplishment was or could have been adversely affected.

18.5. Area 3 - Console Displays and Positional Aids:

18.5.1. Q - Interpreted, initiated use of switch actions, buttons, and control, ensured update of data for console displays, and responded to alarms and alerts IAW directives. Effectively used and interpreted available positional aids.

18.5.2. U - Lacked critical knowledge or failed to effectively use console displays (including related switch actions and data entry) and positional aids. Mission accomplishment was or could have been adversely affected.

18.5.3. Specific sub-areas are:

18.5.3.1. Situation/Tabular Display.

18.5.3.2. Category/Feature Select Switches.

18.5.3.3. Symbology.

18.5.3.4. Action Entry Panel/Data Entry Keyboard/Entry Feedback Area .

18.5.3.5. NOTAMS/Schedules/ITOs/Quick Reference Guides.

18.5.3.6. Checklists.

18.5.3.7. Mission Logs.

18.6. Area 4 - Local Orientation:

18.6.1. Q - Knowledgeable of local airfields, air routes, NAVAIDS, airspace, restricted/prohibited special use areas; aeronautical references and fixes, radar site capabilities/limitations and responsibilities, air traffic control functions; minimum safe altitudes and terrain features.

18.6.2. U - Lacked critical knowledge of local specifics. Mission accomplishment was or could have been adversely impacted.

18.7. Area 5 - Authentication/Encryption/Cipher Devices (Critical):

18.7.1. Q - Controlled and used classified COMSEC material, authentication devices and encryption/ decryption procedures IAW directives.

18.7.2. U - Lacked critical knowledge or could not effectively use applicable devices.

18.8. Area 6 - Aircraft Identification (Critical):

18.8.1. Q - Assist the WD in identifying assigned aircraft employing pilot reported position, Identification Friend or Foe/Selective Identification Feature (IFF/SIF) returns or pilot maneuvering. Accomplished identification after aircraft radio check-in using radar or IFF/SIF displays.

18.8.2. U - Lacked critical knowledge or could not effectively apply procedures and techniques used for aircraft identification. Actions resulted in confusion; delay or inability to assume control within established time limits; or an unsafe situation. Mission accomplishment was or could have been adversely affected.

18.9. Area 7 - Situational Awareness:

18.9.1. Q - Maintained constant and comprehensive awareness of the pertinent air situation. Provided WD with essential and accurate information based on that awareness. Effectively used radar, IFF and pilot calls to build and maintain situation awareness and responsiveness.

18.9.2. U - Failed to maintain constant and comprehensive awareness of the pertinent air situation. Was unable or failed to provide WD with essential information. Was unable or failed to use available inputs to build and maintain situation awareness and responsiveness. Mission accomplishment was or could have been adversely affected.

18.10. Area 8 - Flight Safety And Emergency Procedures (Critical):

18.10.1. Q - Recognized emergency and hijack aircraft situation, assisted in implementation and notification of recovery procedures, performed emergency aircraft actions, and conducted SAR operations IAW directives. Adhered to SD/T direction. Assisted WD in the transmission of all required safety calls. Knowledgeable of criteria to "TERMINATE" and "KNOCK-IT-OFF during an engagement.

18.10.2. U - Lacked critical knowledge or failed to apply flight safety requirements and emergency procedures and checklists. Failed to provide WD with timely and accurate traffic advisories, safety calls/checks or ATC clearances. Failed to ensure airspace integrity. Failed to adhere to SD/T direction. Mission accomplishment was or could have been adversely affected.

18.11. Area 9 - Air Combat Tactics Positional (Critical):

18.11.1. Q - Recognized deviations from briefed mission and understood positioning requirements. Assisted the WD in providing essential information in an approved, briefed, or requested format. Made threat calls to WD for strangers and bandits. Adhered to mission brief.

18.11.2. U - Failed to recognize deviations from mission requirements. Failed to provide essential information in a timely or accurate manner. Failed to recognize threats. Failed to adhere to the mission brief. Friendly aircraft were killed by unreported bandits. Mission accomplishment was or could have been adversely affected.

18.12. Area 10 - Air Refueling Positional (Critical):

18.12.1. Q - Recognized deviations from briefed mission and understood positioning requirements. Assisted WD in making all required safety calls.

18.12.2. U - Failed to recognize deviations from mission requirements and does not understand positioning requirements. Failed to assist the WD in making all required safety calls. Mission accomplishment was or could have been adversely affected.

18.13. Area 11 - Close Air Support Positional (Critical):

18.13.1. Q - Recognized deviations from briefed mission and understood positioning requirements. Assisted WD in making all required safety calls.

18.13.2. U - Failed to recognize deviations from mission requirements and does not understand positioning requirements. Failed to assist the WD in making all required safety calls. Mission accomplishment was or could have been adversely affected.

18.14. Area 12 - TAC Scope Positional (Critical):

18.14.1. Q - Effectively provided appropriate assistance to the WD in controlling all aircraft. Ensured proper use of SDIC for symbology. Adhered to established TAC scope priorities and standards. Coordinated with other positions as required.

18.14.2. U - Failed to provide assistance in radio monitor, or positive control when required. Failed to use proper SDlCs for symbology. Failed to adhere to established TAC Scope priorities or standards. Failed to coordinate with other positions. Mission accomplishment was or could have been adversely affected.

18.15. Area 13 - Intercept Events (Critical):

18.15.1. Q - Recognized deviations from briefed mission and understood positioning requirements. Assisted WD in making all required safety calls.

18.15.2. U - Failed to recognize deviations from mission requirements and does not understand positioning requirements. Failed to assist the WD in making all required safety calls. Mission accomplishment was or could have been adversely affected.

18.16. Area 14 - Air Defense Operations:

18.16.1. Q - Effectively applied established air defense procedures and concepts.

18.16.2. U - Failed to demonstrate thorough knowledge or effectively apply established air defense procedures or concepts. Mission accomplishment was or could have been adversely effected.

18.16.3. Specific sub-areas are:

18.16.3.1. Alerts and Warnings.

18.16.3.2. SCATANA/ESCAT.

18.16.3.3. Safe Passage.

18.16.3.4. Rules of Engagement.

18.16.3.5. Scramble/Airborne Order.

18.16.3.6. Flush Procedures.

18.17. Area 15 - Tactical Missions:

18.17.1. Q - Assisted WD in applying tactical mission types flown by local forces, including air interdiction, battlefield air interdiction, suppression of enemy air defenses, strike control and reconnaissance, offensive counter air and defensive counter air, and reconnaissance.

18.17.2. U - Failed to effectively assist the WD in accomplishing mission requirements.

18.18. Area 16 - Threat Capabilities and Limitations:

18.18.1. Q - Knowledgeable of theater air and surface threat capabilities and limitations.

18.18.2. U - Failed to demonstrate thorough knowledge of theater air and surface capabilities and limitations.

18.19. Area 17 - Communications Selections and Use:

18.19.1. Q - Selected and operated communications equipment to include primary, secondary, and secure systems IAW performance capabilities, mission tasking and directives. Ensured communication checks are completed and outages reported IAW directives.

18.19.2. U - Lacked critical knowledge to effectively utilize dedicated communication systems. Made major omissions or errors. Mission accomplishment was or could have been adversely affected.

Chapter 19

KOREAN THEATER AIR CONTROL SYSTEM SENIOR OPERATIONS DUTY OFFICER/ TECHNICIAN QUALIFICATION EVALUATION

Section 19A—Instructions

19.1. General:

19.1.1. This chapter contains the criteria specifying the tasks required of 11F4Xs and 1C5X1s as Basic Qualified (BQ) SODO/T assigned to the 607 COS

19.1.2. The SODO/T evaluation must include performance during daily activity with scenarios developed to cover those areas not normally encountered

19.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all SODO/T duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 19B—Qualification Criteria

19.3. Area 1 - C2 (AD/KTACS) Organization and Responsibilities:

19.3.1. Q - Knowledgeable of the theater C2 structure. Explained KTACS organizational structure and responsibilities.

19.3.2. U - Failed to demonstrate adequate knowledge of the C2 structure/responsibilities with major omissions or errors.

19.4. Area 2 - Unit Operations Structure and Function:

19.4.1. Q - Knowledgeable of chain of command and unit organizational/structure. Described all major operations functions.

19.4.2. U - Failed to demonstrate adequate knowledge of chain of command and unit organizational structure. Unable to describe major operations functions.

19.5. Area 3 - Operations Plans/Orders/ITOs/Schedules/Checklists (Critical):

19.5.1. Q - Knowledgeable of and demonstrated effective application of OPLANs, OPORDs, Integrated Tasking Orders (ITOs) operational schedules and checklists.

19.5.2. U - Failed to demonstrate adequate knowledge and effective application of OPLANs, OPORDs, ITOs, operational schedules or checklists with major omissions or errors

19.6. Area 4 - Operational Messages/Reports:

19.6.1. Q - Knowledgeable of and demonstrated effective application of operational messages/ reports. Able to effectively prepare required documents and accomplish verbal reports IAW applicable directives.

19.6.2. U - Failed to demonstrate adequate knowledge and effective application of operational messages/reports. Unable to effectively prepare and route required documents and accomplish verbal reports.

19.7. Area 5 - Communications Systems Selection and Use:

19.7.1. Q - Knowledgeable of and demonstrated effective application of dedicated communications/computer systems, and outage procedures IAW applicable directives.

19.7.2. U - Failed to demonstrate adequate knowledge or effective application of dedicated communications/computer systems with major omissions or errors.

19.8. Area 6 - Radar Systems:

19.8.1. Q - Knowledgeable of theater radar systems to include areas of responsibility, coverage/limitations, and preventive maintenance procedures IAW applicable directives. Knowledgeable of Theater Ballistic Missile (TBM) threats and defense mechanisms.

19.8.2. U - Failed to demonstrate adequate knowledge of radar systems/TBM systems with major omissions or errors.

19.9. Area 7 - KTACS Airfield/Airbase Structure:

19.9.1. Q - Demonstrated adequate knowledge of theater airfield/airbase structure.

19.9.2. U- Failed to demonstrate adequate knowledge of theater airfield/airbase structure with major omissions or errors.

19.10. Area 8 - OPSEC/COMSEC and Authentication Procedures (Critical):

19.10.1. Q - Demonstrated thorough knowledge of OPSEC/COMSEC requirements and procedures; able to effectively accomplish appropriate authentications IAW applicable directives.

19.10.2. U - Failed to demonstrate thorough knowledge of OPSEC/COMSEC requirements or procedures. Did not satisfactory accomplish applicable authentication in terms of time and accuracy.

19.11. Area 9 - Airspace Control/Management:

19.11.1. Q - Demonstrated adequate knowledge and effective application of airspace control and management procedures IAW applicable directives.

19.11.2. U - Failed to demonstrate adequate knowledge and effective application of airspace control and management procedures with major omissions or errors.

19.11.3. Sub areas:

19.11.3.1. Organizational agencies, Flight Information Regions (FIR) and responsibilities.

19.11.3.2. Allied Airspace configuration and boundaries.

19.12. Area 10 - Alert/Warning and Command Readiness Actions (Critical):

19.12.1. Q - Could define and describe actions associated with each alert/warning and readiness state.

19.12.2. U - Failed to demonstrate adequate knowledge of alerts and warning procedures and command readiness actions. Made major omissions or errors.

19.13. Area 11 - Air Defense Procedures (Four sub-areas are Critical):

19.13.1. Q - Demonstrated adequate knowledge of exercises (live/simulated) conduced in theater. Ensured positional requirements were met in accordance with ITOs, schedules, and established directives.

19.13.2. U - Failed to demonstrate adequate knowledge of exercises conducted in theater. Positional requirements were not met.

19.13.3. Sub-Areas:

19.13.3.1. Area of responsibility.

19.13.3.2. AWACS Employment/Interface (ADSI).

19.13.3.3. Airborne Order/Scramble Procedures (Critical).

19.13.3.4. STOPS (Critical).

19.13.3.5. SCATANA.

19.13.3.6. Flush Procedures.

19.13.3.7. Threat Warning (Critical).

19.13.3.8. Rules of Engagement (Critical).

19.14. Area 12 - Positional Aids and Displays:

19.14.1. Q - Used positional aids and displays to effect effective actions for of IFE, search and rescue, and MEDEVAC procedures.

19.14.2. U - Failed to demonstrate effective use and application of positional aids and displays for IFE, search and rescue, and MEDEVAC procedures. Made major errors or omissions.

19.15. Area 13 - Internal/External Coordination/Briefings:

19.15.1. Q - Demonstrated in-depth ability to coordinate effectively with other positions and agencies. Accomplished required briefings in IAW established procedures.

19.15.2. U - Failed to demonstrate ability to coordinate effectively. Failed to accomplish required briefings.

19.16. Area 14 - Exercises:

19.16.1. Q - Knowledgeable of exercises conducted in theater. Ensured positional requirements were met IAW ITOs, schedules and established procedures.

19.16.2. U - Lacked critical knowledge of theater exercises. Made major omissions or errors.

19.17. Area 15 - In-Flight Emergencies (Critical):

19.17.1. Q - Demonstrated thorough knowledge and application of IFE, search and rescue, and MEDEVAC procedures.

19.17.2. U - Failed to demonstrate thorough knowledge with major omissions or errors.

Chapter 20

JASDF BASE AIR DEFENSE GROUND ENVIRONMENT SYSTEM LIAISON TECHNICIAN QUALIFICATION EVALUATION

Section 20A—Instructions

20.1. General:

20.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified (BQ) Liaison Technician (LT) assigned to the 624ACF.

20.1.2. The LT must be evaluated during daily activities and/or a simulated exercise. The LT evaluation must include performance during daily activity that supports evaluation objectives. Scenarios should be developed to cover those areas not normally encountered during daily activity.

20.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all LT duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 20B—Qualification Criteria

20.3. Area 1 - Changeover Procedures:

20.3.1. Q - Able to perform proper changeover procedures for crew and zulu day. Annotates the logbook, utilizes the positional checklist.

20.3.2. U - Demonstrated inadequate knowledge of crew/zulu changeover procedures.

20.4. Area 2 - Hot File/Ops Read File:

20.4.1. Q - Evaluate has signed both files ensuring knowledge of any operational/nonoperational matters.

20.4.2. U - Evaluate has not annotated his/her initials in either file.

20.5. Area 3 - Operational Messages and Reports:

20.5.1. Q - Understood purpose, content and application of appropriate operational messages and reports. Able to effectively prepare and route required documents and accomplish verbal reports.

20.5.2. U - Demonstrated inadequate knowledge with major omissions or errors.

20.6. Area 4 - Communications Systems Selection and Use:

20.6.1. Q - Demonstrated adequate working knowledge of dedicated communications systems, including primary and secondary/ backup point-to-point, air-to-ground, ship-to-shore, and teletype systems, secure systems, and outage procedures.

20.6.2. U - Demonstrated inadequate knowledge with major omissions or errors.

20.7. Area 5 - CTAPS Operations:

20.7.1. Q - Knowledgeable of CTAPS operations and positional requirements. Demonstrated extraction/insertion of required data.

20.7.2. U - Lacked adequate proficiency in CTAPS operations.

20.8. Area 6 - OPSEC, COMSEC, and Authentication Procedures (Critical):

20.8.1. Q - Demonstrated adequate working knowledge of operations security (OPSEC) and communications security (COMSEC) requirements and effective applications of all applicable encryption, cipher devices and publication. Able to accomplish appropriate authentication and equipment keying procedures.

20.8.2. U - OPSEC and COMSEC awareness was lacking. Did not satisfactorily accomplish applicable authentication or keying regards to time or accuracy and displayed inadequate knowledge of encryption publications and material.

20.9. Area 7 - Alerts, Warnings, and Command Readiness Actions (Critical):

20.9.1. Q - Demonstrated adequate working knowledge of alerts and warning procedures and command readiness actions.

20.9.2. U - Demonstrated inadequate knowledge with major omissions or errors.

20.10. Area 8 - Air Defense Procedures:

20.10.1. Q - Demonstrated adequate knowledge of Air Defense Procedures; able to delineate Theater Air Control System (TACS) and Japanese Air Defense System (JADS) organization structure. Familiar with corresponding responsibilities of US Air Force (USAF) C2 and Japan Air Self Defense Force (JASDF) systems and personnel.

20.10.2. U - Demonstrated inadequate knowledge with major omissions or errors.

20.11. Area 9 - Areas of Responsibility:

20.11.1. Q - Demonstrated adequate knowledge of air defense areas of responsibility, including sectors, air defense identification zones (ADIZ), and adjacent air defense/TACS and geographical regions.

20.11.2. U - Demonstrated inadequate knowledge with major omissions or errors.

20.12. Area 10 - Theater Airfields and Flying Units:

20.12.1. Q - Demonstrated adequate working knowledge of USAF and JASDF theater airfields, flying unit locations, and respective aircraft types and callsigns.

20.12.2. U - Demonstrated inadequate knowledge with major omissions or errors .

20.13. Area 11- E-3/ABCCC/JSTARS Employment and Interface:

20.13.1. Q - Demonstrated adequate working knowledge of airborne warning and control system employment role in theater and interface procedures.

20.13.2. U Demonstrated inadequate knowledge with major omissions and errors.

20.14. Area 12 - Telling Procedures:

20.14.1. Q - Demonstrated adequate knowledge of telling procedures, to include threat warnings to applicable agencies.

20.14.2. U - Demonstrated inadequate knowledge with major omissions or errors.

20.15. Area 13 - Situational Awareness (Critical):

20.15.1. Q - Effectively took appropriate actions to maintain situational awareness of air defense area activity, including correlation of friendly special or friendly flight operations, US naval activities, special missions, and unknown aircraft.

20.15.2. U - Failed to accomplish established procedures due to a lack of situational awareness.

20.16. Area 14 -Internal and External Coordination and Briefings:

20.16.1. Q - Demonstrated an ability to work effectively with other positions or agencies. Able to accomplish required briefings in accordance with established procedures. Accomplished required coordination in a timely manner.

20.16.2. U - Coordination with other agencies and positions was ineffective in terns of time and accuracy. Briefings were not accomplished in accordance with established procedures.

20.17. Area 15 - Exercises:

20.17.1. Q - Able to delineate exercises (live or simulated) conducted in theater and comprehended associated significance to operational procedures.

20.17.2. U - Demonstrated inadequate knowledge with major omissions or errors.

20.18. Area 16 - IFE and SAR (Critical):

20.18.1. Q - Demonstrated adequate working knowledge of in-flight emergencies (IFE) and search and rescue (SAR) coordination procedures. Able to accomplish positional requirements in accordance with established procedures.

20.18.2. U - Demonstrated inadequate knowledge of IFE and SAR procedures with major omissions or errors.

20.19. Area 17 - Local Procedures:

20.19.1. Q - Demonstrated adequate working knowledge of general procedures established to support significant unit operational activities that are not already covered by an evaluation item.

20.19.2. U - Demonstrated inadequate knowledge with major omissions or errors.

Chapter 21

KOREAN THEATER AIR CONTROL SYSTEM INTERFACE CONTROL OFFICER/ TECHNICIAN QUALIFICATION EVALUATION

Section 21A—Instructions

21.1. General:

21.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified (BQ) Interface Control Officer/Technician (ICO/T) and is applicable to all 13BXXs and 1C5X1s assigned to the 621ACS.

21.1.2. The ICO/T must be evaluated in a live netted environment using any type of active data link (i.e., TADIL-A, TADIL-B, JTIDS.) with airborne/ground or surface units through the ADSI and/or MCE/ASIT equipment. For those areas that can't be evaluated during these activities, scenarios will be developed to cover those areas.

21.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all ICO/T duties effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 21B—Qualification Criteria

21.3. Area 1 - C2 (AD/KTACS) Organization and Responsibilities (Critical for ICO only):

21.3.1. Q - Knowledgeable of the theater C2 structure. Explained AD/KTACS organizational structure and responsibilities. Knowledgeable of contingency TACS structure, can explain and organize data link architecture with all augmenting units (USAF/Navy/Marines and combined forces) participating.

21.3.2. U - Failed to demonstrate adequate knowledge of the C2 structure/responsibilities, to include contingency operations, with major omissions or errors.

21.4. Area 2 - Mission Planning:

21.4.1. Q - Develops mission plan which accounts for known mission requirements, limitations, and approved operating procedures. Extracts, verifies, and coordinates all information, (OPTASKLINK, OPORD, OPDAT, ATO etc.) required to plan and execute tasked mission IAW directives.

21.4.2. U - Failed to recognize critical information which adversely affected mission accomplishment.

21.5. Area 3 - Mission Briefing/Debriefings:

21.5.1. Q - Capable of conducting crew briefings/debriefings in an organized logical sequence IAW operations directives. Included appropriate section chiefs in briefings.

21.5.2. U - Lacked sufficient knowledge in mission requirements to effect a productive briefing.

21.6. Area 4 - Positional Briefing:

21.6.1. Q - Conducts changeover briefing with the on duty ICO/T IAW directives. Briefs the changeover ICO/T and ensures all items necessary for the effective conduct of tasked missions are understood.

21.6.2. U - Failed to conduct changeover briefings and/or information for continued operations.

21.7. Area 5 - Crew Coordination:

21.7.1. Q - Coordinates or reports all requirements, mission changes, equipment discrepancies, or limitations with appropriate agencies. Includes BD/Ts and other duty sections on mission requirements.

21.7.2. U - Fails to coordinate mission activities with appropriate duty sections.

21.8. Area 6 - Equipment Set Up and Checkout:

21.8.1. Q - Sets up and checks out ADSI/MCE consoles, communications, and other operator tasked equipment IAW directives. Checks presentation to ensure operation and alignment are IAW directives and technical orders. Recognizes malfunctions and takes appropriate corrective actions.

21.8.2. U - Fails to align equipment to accomplish assigned tasks.

21.9. Area 7 - Communications System Selection and Use (Critical):

21.9.1. Q - Makes appropriate equipment, band, and frequency selections. Selects and operates communications equipment IAW performance capabilities, mission tasking, operations directives, and technical orders.

21.9.2. U - Communication equipment and use don't support mission requirements.

21.10. Area 8 - Cryptographic Equipment (Critical ICT only):

21.10.1. Q - Changes cryptographic configuration during active interfaces, as required, and performs keying operations for assigned cryptographic equipment.

21.10.2. U - Failed to change cryptographic configurations resulting in significant mission degradation.

21.11. Area 9 - Interface Control Unit (ICU):

21.11.1. Q - Plans and performs the functions of ICU for a voice and/or data net IAW local directives. Coordinates and assigns frequencies/channels to agencies participating in link operations based on operations directives. Coordinates the entry and exit of interface units and directs and manages multiple users on a voice network. Reassigns net control station (NCS) as required.

21.11.2. U - Fails to address NCS requirements. Lack of knowledge for NCS operations adversely affects mission accomplishment.

21.12. Area 10 - Technical Data Link Checks (Critical ICT only):

21.12.1. Q - Performs POFA checks to ensure all links are operational, to include TADIL-A, TADIL-B, JTIDS. Identifies, reports, and corrects link problems IAW directives and technical orders. ADSI system checks are accomplished within technical order parameters.

21.12.2. U - Technical data checks are not performed or done incorrectly. Link problems adversely affect mission accomplishment.

21.13. Area 11 - Adaptations Procedures:

21.13.1. Q - Designs and authorizes the use of data filters based on mission requirements, OPLANs and other local directives.

21.13.2. U - Adaptations prevent or seriously degrade mission accomplishment.

21.14. Area 12 - Resolution of Anomalies (Critical):

21.14.1. Q - Identifies and resolves anomalies in information being transmitted on the data link. Directs the resolution of conflicts within the interface which impairs the effective flow of data or clarity of the tactical picture.

21.14.2. U - Lacked knowledge in recognizing or correcting anomalies. Mission accomplishment was impaired.

21.15. Area 13 - Operations Data Messages:

21.15.1. Q - Using OPLANs and directives, develops OPTASKLINK messages and Operations General (OPGEN) reports. Prepares messages without errors and in the format prescribed by technical orders and local directives.

21.15.2. U - Failed to develop effective messages and reports that support mission tasks.

21.16. Area 14 - Communications Security (COMSEC) (Critical):

21.16.1. Q - Obtains, controls, uses, and turns in required classified/COMSEC materials. Encodes, decodes, or authenticates messages and OPTASKLINK. Employ voice callsign list IAW directives.

21.16.2. U - Fails to adequately protect classified information or fails to properly use authentication methods.

21.17. Area 15 - Documentation:

21.17.1. Q - Ensure required logs, forms, and other documentation pertaining to the crew mission are completed and submitted IAW directives.

21.17.2. U - Fails to complete required documentation.

21.18. Area 16—Safety Procedures (Critical ICT only):

21.18.1. Q - Diagnoses emergency situations and implements safety/emergency procedures and/or equipment use IAW technical orders and directives.

21.18.2. U - Fails to diagnose emergency situations and/or implement safety/emergency procedures and/or equipment use.

21.19. Area 17 - Aircraft Emergency/SAR Procedures (Critical):

21.19.1. Q - Correctly identifies emergency and hijack aircraft displays. Notifies BD/T or immediate supervisor of any observed emergency data.

21.19.2. U - Fails to recognize emergency/hijack displays and/or fails to react to such incidents.

Chapter 22

KOREAN THEATER AIR CONTROL SYSTEM FIGHTER DUTY OFFICER/TECHNICIAN QUALIFICATION EVALUATION

Section 22A—Instruction

22.1. General:

22.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified (BQ) FDO/T assigned to the 607 COS and is applicable to 11F4Xs and 1C5X1s performing those duties.

22.1.2. The FDO/T evaluation must include performance during daily activity with scenarios developed to cover those areas not normally encountered.

22.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all FDO/T duties effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 22B—Qualification Criteria

22.3. Area 1 - C2 (AD/KTACS) Organization and Responsibilities:

22.3.1. Q - Knowledgeable of the theater C2 structure. Explained KTACS organizational structure and responsibilities.

22.3.2. U - Failed to demonstrate adequate knowledge of the C2 structure/responsibilities with major omissions or errors.

22.4. Area 2 - Unit Operations Structure and Function:

22.4.1. Q - Knowledgeable of chain of command and unit organizational/structure. Described all major operations functions.

22.4.2. U - Failed to demonstrate adequate knowledge of chain of command and unit organizational structure. Unable to describe major operations functions.

22.5. Area 3 - Operations Plans/Orders/ITOs/Schedules/Checklists (Critical):

22.5.1. Q - Knowledgeable of and demonstrated effective application of OPLANs, OPORDs, Integrated Tasking Orders (ITOs) operational schedules and checklists.

22.5.2. U - Failed to demonstrate adequate knowledge and effective application of OPLANs, OPORDs, ITOs, operational schedules or checklists with major omissions or errors

22.6. Area 4 - Operational Messages/Reports:

22.6.1. Q - Knowledgeable of and demonstrated and effective application of operational messages/reports. Able to effectively prepare required documents and accomplish verbal reports IAW applicable directives.

22.6.2. U - Failed to demonstrate adequate knowledge and effective application of operational messages/reports. Unable to effectively prepare and route required documents and accomplish verbal reports.

22.7. Area 5 - Communications Systems Selection and Use:

22.7.1. Q - Knowledgeable of and demonstrated effective application of dedicated communications/computer systems, and outage procedures IAW applicable directives.

22.7.2. U - Failed to demonstrate adequate knowledge or effective application of dedicated communications/computer systems with major omissions or errors.

22.8. Area 6 - Radar Systems:

22.8.1. Q - Knowledgeable of theater radar systems to include areas of responsibility, coverage/limitations, and preventive maintenance procedures IAW applicable directives. Knowledgeable of Theater Ballistic Missile (TBM) threats and defense mechanisms.

22.8.2. U - Failed to demonstrate adequate knowledge of radar systems/TBM systems with major omissions or errors.

22.9. Area 7 - KTACS Airfield/Airbase Structure:

22.9.1. Q - Demonstrated adequate knowledge of theater airfield/airbase structure.

22.9.2. U- Failed to demonstrate adequate knowledge of theater airfield/airbase structure with major omissions or errors.

22.10. Area 8 - OPSEC/COMSEC and Authentication Procedures (Critical):

22.10.1. Q - Demonstrated thorough knowledge of OPSEC/COMSEC requirements and procedures; able to effectively accomplish appropriate authentication IAW applicable directives.

22.10.2. U - Failed to demonstrate thorough knowledge of OPSEC/COMSEC requirements or procedures. Did not satisfactory accomplish applicable authentication in terms of time and accuracy.

22.11. Area 9 - Airspace Control/Management:

22.11.1. Q - Demonstrated adequate knowledge and effective application of airspace control and management procedures IAW applicable directives.

22.11.2. U - Failed to demonstrate adequate knowledge and effective application of airspace control and management procedures with major omissions or errors.

22.11.3. Sub areas:

22.11.3.1. Organizational agencies, Flight Information Regions (FIR) and responsibilities.

22.11.3.2. Allied Airspace configuration and boundaries.

22.12. Area 10 - Alert/Warning and Command Readiness Actions (Critical):

22.12.1. Q - Could define and describe actions associated with each alert/warning and readiness state.

22.12.2. U - Failed to demonstrate adequate knowledge of alerts and warning procedures and command readiness actions. Made major omissions or errors.

22.13. Area 11 - Air Defense Procedures (Four sub-areas are Critical):

22.13.1. Q - Demonstrated adequate knowledge of exercises (live/simulated) conduced in theater. Ensured positional requirements were met in accordance with ITOs, schedules, and established directives

22.13.2. U - Failed to demonstrate adequate knowledge of exercises conducted in theater. Positional requirements were not met

22.13.3. Sub-Areas:

22.13.3.1. Area of responsibility.

22.13.3.2. AWACS Employment/Interface (ADSI).

22.13.3.3. Airborne Order/Scramble Procedures (Critical).

22.13.3.4. STOPS (Critical).

22.13.3.5. SCATANA.

22.13.3.6. Flush Procedures.

22.13.3.7. Threat Warning (Critical).

22.13.3.8. Rules of Engagement (Critical).

22.14. Area 12 - Positional Aids and Displays:

22.14.1. Q - Knowledgeable of and demonstrated effective use of positional aids and displays during IFE, search and rescue, and MEDEVAC situations.

22.14.2. U - Failed to demonstrate effective use and application of positional aids and displays for IFE, search and rescue, and MEDEVAC procedures. Made major errors or omissions.

22.15. Area 13 - Internal/External Coordination/Briefings:

22.15.1. Q - Demonstrated in-depth ability to coordinate effectively with other positions and agencies. Accomplished required briefings in IAW established procedures.

22.15.2. U - Failed to demonstrate ability to coordinate effectively. Failed to accomplish required briefings.

22.16. Area 14 - Exercises:

22.16.1. Q - Knowledgeable of exercises conducted in theater. Ensured positional requirements were met IAW ITOs, schedules and established procedures.

22.16.2. U - Lacked critical knowledge of theater exercises. Made major omissions or errors.

22.17. Area 15 - In-Flight Emergencies (Critical):

22.17.1. Q - Demonstrated thorough knowledge and application of IFE, search and rescue, and MEDEVAC procedures.

22.17.2. U - Failed to demonstrate thorough knowledge with major omissions or errors.

Chapter 23

RECONNAISSANCE MISSION COORDINATOR (RMC) /SENIOR OPERATIONS TEAM CHIEF (SOTC) QUALIFICATION EVALUATION

Section 23A—Instruction

23.1. General:

23.1.1. This chapter contains the criteria specifying the tasks required of a Basic Qualified (BQ) RMC assigned to the PACOM Reconnaissance Operations Center (PACROC) and the Korean Reconnaissance Center (KRC) and is applicable to all AFSCs performing those duties. This criteria is also applicable to members assigned to the PACROC as a Senior Operations Team Chief (SOTC). PACROC individuals will initially be qualified as a RMC and at the discretion of the PACROC Chief will be upgraded to the SOTC position. The SOTC evaluation will cover those areas that are in addition to the RMC criteria and are identified as applying only to SOTCs.

23.1.2. The RMC must be evaluated during a large scale simulated exercise as defined in AFI 13-1AD, Vol 1 if the capability exists. If no simulation capability exists, the evaluation must include performance during daily activity with scenarios developed to cover those areas not normally encountered.

23.2. Evaluation Objective. The examinee must demonstrate the ability to accomplish all RMC duties safely and effectively IAW technical orders and operations directives. A rating of Q or U will be given to each area.

Section 23B—Qualification Criteria

23.3. Area 1 -Mission:

23.3.1. Q - Knowledgeable of the units overall mission. Explained ROC organizational structure and responsibilities. Knowledgeable of SRO architecture and requirements.

23.3.2. U - Failed to demonstrate adequate knowledge of the unit mission and SRO architecture.

23.4. Area 2 - Position Briefing:

23.4.1. Q - Conducts changeover briefing with the departing/oncoming RMC. Reviews factors, situations or conditions having a bearing on operations. Briefs oncoming RMC on all items necessary for the effective conduct of tasked missions and provides adequate lead time for the oncoming a RMC to perform prescribed tasks. Prior to departing position, ensures all items necessary for the effective conduct of tasked missions are understood.

23.4.2. U - Fails to conduct changeover briefing when applicable. Essential information is in error or omitted which adversely affects mission accomplishment. Conducts briefing with errors or omissions which preclude a qualified RMC from performing prescribed tasks or could result in jeopardizing mission accomplishment.

23.5. Area 3 - Equipment Set Up and Checkout:

23.5.1. Q - Sets up, checks out and ensures the status of all operations equipment and operator tasked equipment are reported. Ensures operation and alignment. Recognizes malfunctions and takes corrective actions.

23.5.2. U - Conducts equipment set up/check out/status reporting with errors or omissions which could jeopardize mission accomplishment.

23.6. Area 4 - OPSEC/COMSEC and Authentication Procedures (Critical):

23.6.1. Q - Demonstrated thorough knowledge of OPSEC/COMSEC requirements and procedures; able to effectively accomplish appropriate authentication IAW applicable directives.

23.6.2. U - Failed to demonstrate thorough knowledge of OPSEC/COMSEC requirements or procedures. Did not satisfactory accomplish applicable authentication in terms of time and accuracy.

23.7. Area 5 - Operations Report (OPREP-3) Report Procedures (Critical):

23.7.1. Q - Knowledgeable of and demonstrated and effective application of operational messages/ reports. Able to effectively prepare required documents and accomplish verbal reports IAW applicable directives.

23.7.2. U - Failed to demonstrate adequate knowledge and effective application of operational messages/reports. Unable to effectively prepare and route required documents and accomplish verbal reports.

23.8. Area 6 - Internal/External Communications:

23.8.1. Q - Coordinates aircraft requirements, mission changes, aircraft or facility equipment/advisory support discrepancies or limitations with appropriate internal/external units.

23.8.2. U - Conducts mission coordination with errors or omissions which could jeopardize mission accomplishment.

23.9. Area 7 - Voice and Data Communications:

23.9.1. Q - Selects appropriate equipment, band, and frequency for mission accomplishment. Selects and operate radio equipment within performance capabilities, mission tasking, operations directives and technical orders. Ensures required radio checked are completed and outages are reported .

23.9.2. U - Conducts radio/equipment selections and use with errors or omissions which could jeopardize mission accomplishment. Fails to ensure that required equipment checks are completed or outages reported.

23.10. Area 8 -SRO Emergency Response Actions (Critical):

23.10.1. Q - Identifies and implements emergency action procedures. Uses apppropriate checklists to assist in performing the proper actions and notifications. Performs correct aircraft abort procedures to counter threats to SRO platform(s).

23.10.2. U - Fails to identify and implement the appropriate emergency actions procedures. Improper use of checklists jeopardized mission accomplishment. Conducts notifications or reporting procedures inconsistent with directives or established procedures.

23.11. Area 9 - Radio/Telephone (R/T) Procedures:

23.11.1. Q - Employs standard R/T procedures under operations directives and Allied Communications Procedures (ACP). Nonstandard R/T did not impact mission accomplishment.

23.11.2. U - Uses R/T procedures with errors or omiss~ons which could jeopardize or

adversely affect mission accomplishment.

23.12. Area 10 - Equipment Operation (CTAPS/GCCS/GRIS/OII as applicable) (Critical):

23.12.1. Q - Interpreted, initiated use of switch actions, buttons, controls, ensured update of data for console displays, and responded to alarms and alerts IAW directives. Effectively used and interpreted available positional aids.

23.12.2. U - Lacked critical knowledge or failed to effectively use console displays (including related switch actions and data entry) and positional aids. Mission accomplishment was or could have been adversely affected.

23.13. Area 11 - Reconnaissance Reports and Scheduling:

23.13.1. Q - Knowledgeable of and/or demonstrated effective application of RECON1/2/3/4, SRO messages, scheduling processes and criteria.

23.13.2. U - Failed to demonstrate adequate knowledge of reports and scheduling requirements.

23.14. Area 12 - Flight Follow:

23.14.1. Q - Demonstrate the ability to maintain complete situational awareness of all SRO missions. This includes, but is not limited to, departures/arrivals, positional reporting etc. If position reporting is not being accomplished by the mission a/c via HF or mission monitor, the RMC must be able to obtain hourly positions through any means available (all source information)..

23.14.2. U - Evaluatee was unable to demonstrate adequate fight follow procedures.

23.15. Area 13 - SRO Platforms:

23.15.1. Q - Knowledgeable of all SRO platforms used in the theater to include nicknames, type aircraft, branch of service, capabilities, and scheduling responsibilities.

23.15.2. U - Failed to demonstrate adequate knowledge of SRO platforms.

23.16. Area 14 - Documentation:

23.16.1. Q - Ensure required logs, forms, and other documentation pertaining to the crew mission are completed and submitted IAW directives.

23.16.2. U - Fails to complete required documentation.

23.17. Area 15 - Nickleback Conditions/Mountain Mist (Critical for SOTC Only):

23.17.1. Q - Knowledgeable of all Nickleback conditions and sited the differences between Nickleback and Mountain Mist.

23.17.2. U - Failed to demonstrate adequate knowledge of Nickleback and Mountain Mist.

23.18. Area 16 - Pony Express Operations (PACROC Only):

23.18.1. Q - Knowledgeable of and demonstrated effective application of mission requirements information. Effectively located, described and defined duty position responsibilities associated with each mission type

23.18.2. U - Failed to demonstrate adequate knowledge and effective application of mission information

23.19. Area 17 - Oilstock Operations (PACROC Only):

23.19.1. Q - Effectively used Oilstock functions for mission monitoring requirements.

23.19.2. U - Unfamiliar with Oilstock operations to the degree that errors and omissions adversely affect mission monitoring.

23.20. Area 18 - Advisory Support Requirements/Exceptions (PACROC Only):

23.20.1. Q - Knowledgeable of and demonstrated effective application of ADSO requirements (tactical comms and tracking, friendly radar). Effectively describes exceptions for Nickleback as they apply in the PACOM AOR and JCS waivers for SRO operations.

23.20.2. U - Failed to demonstrate adequate knowledge and effective application of ADSO requirements.

23.21. Area 19 - SIGINT Sites and AORs (PACROC Only):

23.21.1. Q - Knowledgeable of SIGINT sites and geographical area designators within the PACOM AOR.

23.21.2. U - Failed to demonstrate adequate knowledge of required information

23.22. Area 20 - Aircraft Aborts (PACROC SOTC Only) (Critical):

23.22.1. Q - Knowledgeable of the criteria to abort SRO missions and ensures a/c is notified.

23.22.2. U - Failed to demonstrate adequate knowledge of abort requirements and/or failed to abort the mission when warranted.

23.23. Area 21 - Guidance to Aircrew/Mission Monitors (PACROC SOTC Only):

23.23.1. Q - Provides proper guidance to Aircrew/Mission Monitors.

23.23.2. U - Failed to demonstrate adequate knowledge of required information

23.24. Area 22- Area Closure (PACROC Only) (Critical SOTC Only):

23.24.1. Q - Ensures the correct area is closed and all appropriate messages are forwarded. The SOTC is knowledgeable of who has the authorization to close and reopen a geographic area. All notifications must be made.

23.24.2. U - Failed to demonstrate adequate knowledge and effective application of closure procedures.

MARVIN R. ESMOND, Lt General, USAF
DCS/Air and Space Operations

Attachment 1

GLOSSARY OF REFERENCES AND SUPPORTING INFORMAITON

References

AFPD 13-1, *Theater Air Control System*

AFI 11-214, *Aircrew, Weapons Director, and Terminal Attack Controller Procedures for Air Operations*

AFI 13-1Stan/Eval Volume 2, *Ground Command and Control Systems Standardization/Evaluation Program*

AFI 13-1AD Volume 1, *Air Defense Systems Training*

Abbreviations and Acronyms

ACC—Air Combat Command

ADNET—Anti-Drug Network

AFI—Air Force Instruction

AICU—Advanced Interface Control Unit

AMIS—Aircraft Movement Information System

AOR—Area of Responsibility

ASO—Air Surveillance Officer

AST—Air Surveillance Technician

ARAOC—Alaskan Region Air Operations Center

BMC—Basic Mission Capable

BQ—Basic Qualified

CMR—Combat Mission Ready

COMSEC—Communications Security

CPCI—Computer Program Configuration Items

DASD—Digital Air Situation Display

DQM—Data Quality Monitor

DTS—Detection and Tracking Supervisor

DTT—Detection and Tracking Technician

EA—Electronic Attack

EAC—Emergency Actions Coordinator

EAM—Emergency Action Message

EAO—Environment Assessment Operator

EP—Electronic Protection

FAA—Federal Aviation Administration

HIRAOC—Hawaiian Region Air Operations Center

IAW—In accordance with

ICO—Interface Control Officer

ICRC—Iceland Region Center

ICT—Interface Control Technician

ICS—Interface Control System

IDO—Identification Officer

IDT—Identification Technician

IFF—Identification Friend or Foe

JVIDS—Joint Visually Integrated Display System

MCC—Mission Crew Commander

MCCT—Mission Crew Commander Technician

MCM—Multi-Command Manual

N/A—Not Applicable

NM—Nautical mile

OPCOM—Operational Command

OPCON—Operational Control

COMPLAN—Communication Plan

OPORD—Operations Order

OPREP—Operations Report

OTH-B—Over-the-Horizon Backscatter

PACAF—Pacific Air Forces

Q—Qualified

QRM—Quick Reaction Message

R/T—Radio/Telephone

RAT—Remote Access Terminal

RCM—Radar Control and Monitor

RDU—Remote Display Unit

RFI—Radio Frequency Interference

RAOC—Region Air Operations Center

ROE—Rules of Engagement

SAR—Search and Rescue

SCAT—Security Control of Air Traffic

SD—Senior Director

SDT—Senior Director Technician

SEE—Standardization/Evaluation Examiner

SIF—Selective Identification Feature

SITREP—Situation Report

SAOC—Sector Air Operations Center

TCS—Track Correlation Supervisor

TCT—Track Correlation Technician

TD—Tabular data

TT—Tracking Technician

U—Unqualified

WD—Weapons Director

WDT—Weapons Director Technician